

R24 Click Thru Rqmt	SMD Online Auth Selection	Elec / Gas	Data Element	ESPI: PII / Non-PII	ESPI Mapping [xsd/xml mapping] (UsagePoint --> see espiDerived.xsd -- non-PII) (Customer --> see retailCustomer.xsd -- PII)	Request APIs
<b>Category: Account Elements</b>						
R24 Click Thru Ph1	Basic	Both	Account name (ACME INC. or JOE SMITH)	PII	Customer/name	<ol style="list-style-type: none"> <li>1) ..../espi/1_1/resource/Batch/BulkRetailCustomerInfo/BulkID/CorrelationID --&gt; [i.e. daily subscriptions]</li> <li>2) ..../espi/1_1/resource/Batch/BulkRetailCustomerInfo/BulkID</li> <li>3) ..../espi/1_1/resource/Batch/RetailCustomer/RetailCustomerID</li> <li>4) ..../espi/1_1/resource/Batch/Custom/RetailCustomer/RetailCustomerID</li> </ol>
R24 Click Thru Ph1	Program Enrollment	Both	Account address (123 OFFICE ST...)	PII	1-for-1 mapping: Customer/CustomerAccount/mainAddress/streetDetail/addressGeneral Customer/CustomerAccount/mainAddress/streetDetail/addressGeneral2 Customer/CustomerAccount/mainAddress/townDetail/name Customer/CustomerAccount/mainAddress/townDetail/stateOrProvince Customer/CustomerAccount/mainAddress/postalCode Customer/CustomerAccount/mainAddress/townDetail/country	<ol style="list-style-type: none"> <li>1) ..../espi/1_1/resource/Batch/BulkRetailCustomerInfo/BulkID/CorrelationID --&gt; daily subscription job</li> <li>2) ..../espi/1_1/resource/Batch/BulkRetailCustomerInfo/BulkID</li> <li>3) ..../espi/1_1/resource/Batch/RetailCustomer/RetailCustomerID</li> <li>4) ..../espi/1_1/resource/Batch/Custom/RetailCustomer/RetailCustomerID --&gt; new API for requesting individual RetailCustomer details using Client Access Token (for offline auths and 2ndary 3Ps)</li> </ol>
R24 Click Thru Ph1	Account	Both	Account ID (2-xxxx...)	PII	Customer/CustomerAccount/name	<ol style="list-style-type: none"> <li>1) ..../espi/1_1/resource/Batch/BulkRetailCustomerInfo/BulkID/CorrelationID --&gt; daily subscription job</li> <li>2) ..../espi/1_1/resource/Batch/BulkRetailCustomerInfo/BulkID</li> <li>3) ..../espi/1_1/resource/Batch/RetailCustomer/RetailCustomerID</li> <li>4) ..../espi/1_1/resource/Batch/Custom/RetailCustomer/RetailCustomerID</li> </ol>
R24 EDS	Program Enrollment	E	Outage block (A000)	PII	Customer/CustomerAccount/CustomerAgreement/serviceLocation/outageBlock (String 32)	<ol style="list-style-type: none"> <li>1) ..../espi/1_1/resource/Batch/BulkRetailCustomerInfo/BulkID/CorrelationID --&gt; daily subscription job</li> <li>2) ..../espi/1_1/resource/Batch/BulkRetailCustomerInfo/BulkID</li> <li>3) ..../espi/1_1/resource/Batch/RetailCustomer/RetailCustomerID</li> <li>4) ..../espi/1_1/resource/Batch/Custom/RetailCustomer/RetailCustomerID --&gt; new API for requesting individual RetailCustomer details using Client Access Token (for offline auths and 2ndary 3Ps)</li> </ol>
<b>Category: Service Elements</b>						
R24 Click Thru Ph1	Any	Both	PG&E Unique Identifier	Non-PII	UsagePoint (self link)	N/A (UsagePoint is returned in all APIs) To retrieve list of authorized UIIDs and no other data, call following API: ..../espi/1_1/resource/Subscription/SubscriptionID/UsagePoint
R24 Click Thru Ph1	Account	Both	Service ID (3-xxx...)	PII	Customer/CustomerAccount/CustomerAgreement/name	<ol style="list-style-type: none"> <li>1) ..../espi/1_1/resource/Batch/BulkRetailCustomerInfo/BulkID/CorrelationID --&gt; daily subscription job</li> <li>2) ..../espi/1_1/resource/Batch/BulkRetailCustomerInfo/BulkID</li> <li>3) ..../espi/1_1/resource/Batch/RetailCustomer/RetailCustomerID</li> <li>4) ..../espi/1_1/resource/Batch/Custom/RetailCustomer/RetailCustomerID</li> </ol>
R24 EDS	Program Enrollment	E	Known future changes to Status of Service	PII	Customer /CustomerAccount /CustomerAgreement/futureStatus/value Customer /CustomerAccount /CustomerAgreement/futureStatus/dateTime value = new SA Status (String256). For Example "Closed". dateTime = effective date for SA Status change (future date) (TimeType: signed 64-bit value representing the number of seconds since 0 hours, 0 minutes, 0 seconds, on the 1st of January, 1970)	<ol style="list-style-type: none"> <li>1) ..../espi/1_1/resource/Batch/BulkRetailCustomerInfo/BulkID/CorrelationID --&gt; daily subscription job</li> <li>2) ..../espi/1_1/resource/Batch/BulkRetailCustomerInfo/BulkID</li> <li>3) ..../espi/1_1/resource/Batch/RetailCustomer/RetailCustomerID</li> <li>4) ..../espi/1_1/resource/Batch/Custom/RetailCustomer/RetailCustomerID --&gt; new API for requesting individual RetailCustomer details using Client Access Token (for offline auths and 2ndary 3Ps)</li> </ol>
R24 Click Thru Ph1	Program Enrollment	Both	SA Status (A)	PII	Customer /CustomerAccount /CustomerAgreement/status/value	<ol style="list-style-type: none"> <li>1) ..../espi/1_1/resource/Batch/BulkRetailCustomerInfo/BulkID/CorrelationID --&gt; daily subscription job</li> <li>2) ..../espi/1_1/resource/Batch/BulkRetailCustomerInfo/BulkID</li> <li>3) ..../espi/1_1/resource/Batch/RetailCustomer/RetailCustomerID</li> <li>4) ..../espi/1_1/resource/Batch/Custom/RetailCustomer/RetailCustomerID --&gt; new API for requesting individual RetailCustomer details using Client Access Token (for offline auths and 2ndary 3Ps)</li> </ol>
R24 Click Thru Ph1	Account	Both	Service Start Date	PII	Customer/CustomerAccount/CustomerAgreement/signDate	<ol style="list-style-type: none"> <li>1) ..../espi/1_1/resource/Batch/BulkRetailCustomerInfo/BulkID/CorrelationID --&gt; daily subscription job</li> <li>2) ..../espi/1_1/resource/Batch/BulkRetailCustomerInfo/BulkID</li> <li>3) ..../espi/1_1/resource/Batch/RetailCustomer/RetailCustomerID</li> <li>4) ..../espi/1_1/resource/Batch/Custom/RetailCustomer/RetailCustomerID</li> </ol>
R24 Click Thru Ph1	Basic	Both	Service address (123 MAIN ST #100...)	PII	Customer/CustomerAccount/CustomerAgreement/ServiceLocation/mainAddress/streetDetail/addressGeneral Customer/CustomerAccount/CustomerAgreement/ServiceLocation/mainAddress/streetDetail/addressGeneral2 Customer/CustomerAccount/CustomerAgreement/ServiceLocation/mainAddress/townDetail/name Customer/CustomerAccount/CustomerAgreement/ServiceLocation/mainAddress/townDetail/stateOrProvince Customer/CustomerAccount/CustomerAgreement/ServiceLocation/mainAddress/townDetail/code Note: stateOrProvince = 'CA' (static)	<ol style="list-style-type: none"> <li>1) ..../espi/1_1/resource/Batch/BulkRetailCustomerInfo/BulkID/CorrelationID --&gt; daily subscription job</li> <li>2) ..../espi/1_1/resource/Batch/BulkRetailCustomerInfo/BulkID</li> <li>3) ..../espi/1_1/resource/Batch/RetailCustomer/RetailCustomerID</li> <li>4) ..../espi/1_1/resource/Batch/Custom/RetailCustomer/RetailCustomerID</li> </ol>
R24 Click Thru Ph1	Program Enrollment	Both	(Current) Service tariff (D-TDU)	Non-PII	Current Rate Sched: (new addition) usagePoint/ServiceDeliveryPoint/tariffProfile	<b>Current Rate Sched:</b> <ol style="list-style-type: none"> <li>1) ..../espi/1_1/resource/Batch/Bulk/BulkID/CorrelationID --&gt; daily subscription job</li> <li>2) ..../espi/1_1/resource/Batch/Bulk/BulkID</li> <li>3) ..../espi/1_1/resource/Batch/Subscription/SubscriptionID</li> <li>4) ..../espi/1_1/resource/Batch/Custom/Subscription/SubscriptionID --&gt; for requesting data with Client Access Token for 2ndary 3Ps and offline auths.</li> <li>5) ..../espi/1_1/resource/Batch/Subscription/SubscriptionID/UsagePoint/UsagePointID</li> </ol>
R24 Click Thru Ph1	Billing	Both	(Historical Billed) Service tariff (D-TDU)	Non-PII	Billed Rate Sched (already supported, no changes) usagePoint/UsageSummary/tariffProfile	<b>Billed Rate Sched:</b> <ol style="list-style-type: none"> <li>1) ..../espi/1_1/resource/Batch/Bulk/BulkID/CorrelationID --&gt; daily subscription job</li> <li>2) ..../espi/1_1/resource/Batch/Bulk/BulkID</li> <li>3) ..../espi/1_1/resource/Batch/Subscription/SubscriptionID</li> <li>4) ..../espi/1_1/resource/Batch/Custom/Subscription/SubscriptionID</li> <li>5) ..../espi/1_1/resource/Batch/Subscription/SubscriptionID/UsagePoint/UsagePointID</li> <li>6) ..../espi/1_1/resource/Subscription/SubscriptionID/UsagePoint/UsagePointID/UsageSummary</li> <li>7) ..../espi/1_1/resource/Subscription/SubscriptionID/UsagePoint/UsagePointID/UsageSummary/UsageSummaryID</li> </ol>
R24 EDS	Program Enrollment	E	(Current) Service tariff options (CARE, FERA, etc.). Associated Effective Date & Enrollment status to also be returned. These are the Service Tariff Options : a) Medical Baseline, b) CARE, c) FERA, d) TBS (Transitional bundled customer), e) CCA-TBS (CCA Transition Bundled Customer) f) Solar Choice	Non-PII	Note: this is a 1-to-many relationship, meaning a single authorized Service Agreement (i.e. UsagePoint) may have multiple tariff options returned here: usagePoint/ServiceDeliveryPoint/tariffRiderRefs/riderType + usagePoint/ServiceDeliveryPoint/tariffRiderRefs/enrollmentStatus + usagePoint/ServiceDeliveryPoint/tariffRiderRefs/effectiveDate Where: riderType = name of tariff option (String256) enrollmentStatus = current status of enrollment for given tariff option with possible values of: enrolled/unenrolled/enrolledPending effectiveDate = as of date current enrollment status is effective (TimeType: signed 64-bit value representing the number of seconds since 0 hours, 0 minutes, 0 seconds, on the 1st of	<ol style="list-style-type: none"> <li>1) ..../espi/1_1/resource/Batch/Bulk/BulkID/CorrelationID --&gt; daily subscription job</li> <li>2) ..../espi/1_1/resource/Batch/Bulk/BulkID</li> <li>3) ..../espi/1_1/resource/Batch/Subscription/SubscriptionID</li> <li>4) ..../espi/1_1/resource/Batch/Custom/Subscription/SubscriptionID --&gt; for requesting data with Client Access Token for 2ndary 3Ps and offline auths.</li> <li>5) ..../espi/1_1/resource/Batch/Subscription/SubscriptionID/UsagePoint/UsagePointID</li> </ol>

R24 Click Thru Ph1	Program Enrollment	E	(Current) Service voltage (electric only) and Commodity	Non-Pil	Possible Voltage Levels (Electric SAs only) of Primary/Secondary/Transmission: ESPI Mapping: 1 = Secondary Metered, 2 = Primary Metered, 26 = Transmission Metered, 7 = natural Gas (for gas SAs) <b>Current Voltage:</b> usagePoint/MeterReading/IntervalBlock/ReadingType/commodity  ReadingType will have an uplink associating it to a specific UsagePoint's MeterReading and IntervalBlock	<b>Current Voltage (affects electric SAs only)</b> 1) ..../resource/Batch/Bulk/BulkID/CorrelationID -> daily subscription job 2) ..../resource/Batch/Bulk/BulkID 3) ..../resource/Batch/Subscription/SubscriptionID 4) ..../resource/Batch/Custom/Subscription/SubscriptionID -> for offline auths & 2ndary 3Ps 5) ..../resource/Batch/Subscription/SubscriptionID/UsagePoint/UsagePointID 6) ..../resource/Subscription/SubscriptionID/UsagePoint/UsagePointID/MeterReading/MeterReadingID  ReadingType will have an uplink associating it to a specific UsagePoint's MeterReading and IntervalBlock
R24 Click Thru Ph1	Billing	E	(Historical Billed) Service voltage (if relevant)	Non-Pil	Possible Voltage Levels (Electric SAs only) of Primary/Secondary/Transmission: ESPI Mapping: 1 = Secondary Metered, 2 = Primary Metered, 26 = Transmission Metered, 7 = natural Gas (for gas SAs) <b>Billed Voltage:</b> usagePoint/usageSummary/commodity	<b>Billed Voltage (affects electric SAs only)</b> 1) ..../resource/Batch/Bulk/BulkID/CorrelationID -> daily subscription job 2) ..../resource/Batch/Bulk/BulkID 3) ..../resource/Batch/Subscription/SubscriptionID 4) ..../resource/Batch/Custom/Subscription/SubscriptionID 5) ..../resource/Batch/Subscription/SubscriptionID/UsagePoint/UsagePointID 6) ..../resource/Subscription/SubscriptionID/UsagePoint/UsagePointID/UsageSummary 7) ..../resource/Subscription/SubscriptionID/UsagePoint/UsagePointID/UsageSummary/UsageSummaryID
R24 Click Thru Ph1	Program Enrollment	Both	Service meter number (if any)	Pil	Customer/Account/ServiceLocation/Meter/serialNumber	1) ..../resource/Batch/BulkRetailCustomerInfo/BulkID/CorrelationID -> daily subscription job 2) ..../resource/Batch/BulkRetailCustomerInfo/BulkID 3) ..../resource/Batch/RetailCustomer/RetailCustomerID 4) ..../resource/Batch/Custom/RetailCustomer/RetailCustomerID -> new API for requesting individual RetailCustomer details using Client Access Token (for offline auths and 2ndary 3Ps)
R24 Click Thru Ph1	Program Enrollment	Both	# of Service meters	N/A	N/A: this is derived by counting total service meters numbers.	N/A
R24 Click Thru Ph1	Program Enrollment	Both	Meter Type	Pil	Customer/Account/ServiceLocation/Meter/type	1) ..../resource/Batch/BulkRetailCustomerInfo/BulkID/CorrelationID -> daily subscription job 2) ..../resource/Batch/BulkRetailCustomerInfo/BulkID 3) ..../resource/Batch/RetailCustomer/RetailCustomerID 4) ..../resource/Batch/Custom/RetailCustomer/RetailCustomerID -> new API for requesting individual RetailCustomer details using Client Access Token (for offline auths and 2ndary 3Ps)
<b>Category: Expanded Service Elements</b>						
R24 Click Thru Ph1	Program Enrollment	Both	(Current) Meter Read Cycle	Non-Pil	UsagePoint/readCycle	1) ..../resource/Batch/Bulk/BulkID/CorrelationID -> daily subscription job 2) ..../resource/Batch/Bulk/BulkID 3) ..../resource/Batch/Subscription/SubscriptionID 4) ..../resource/Batch/Custom/Subscription/SubscriptionID -> for requesting data with Client Access Token for 2ndary 3Ps and offline auths. 5) ..../resource/Batch/Subscription/SubscriptionID/UsagePoint/UsagePointID
R24 Click Thru Ph1	Billing	Both	(Historical Billed) Meter Read Cycle	Non-Pil	usagePoint/usageSummary/readCycle	1) ..../resource/Batch/Bulk/BulkID/CorrelationID -> daily subscription job 2) ..../resource/Batch/Bulk/BulkID 3) ..../resource/Batch/Subscription/SubscriptionID 4) ..../resource/Batch/Custom/Subscription/SubscriptionID 5) ..../resource/Batch/Subscription/SubscriptionID/UsagePoint/UsagePointID 6) ..../resource/Subscription/SubscriptionID/UsagePoint/UsagePointID/UsageSummary 7) ..../resource/Subscription/SubscriptionID/UsagePoint/UsagePointID/UsageSummary/UsageSummaryID
R24 Click Thru Ph1	Program Enrollment	E	Sublap	Non-Pil	UsagePoint/aggregateNodeRefs/aggregateNodeRef/pnodeRef/ref + UsagePoint/aggregateNodeRefs/aggregateNodeRef/pnodeRef/startEffectiveDate Where: • UsagePoint/aggregateNodeRefs/aggregateNodeRef/anodeType = 'ALR' (static) • UsagePoint/aggregateNodeRefs/aggregateNodeRef/ref = 'DLAP_PGAE' (static) • UsagePoint/aggregateNodeRefs/aggregateNodeRef/pnodeType = 'LAP' (static) • UsagePoint/aggregateNodeRefs/aggregateNodeRef/pnodeRef/ref = name of sublap Default lap is always 'DLAP_PGAE' (ref anodeType/ref)	1) ..../resource/Batch/Bulk/BulkID/CorrelationID -> daily subscription job 2) ..../resource/Batch/Bulk/BulkID 3) ..../resource/Batch/Subscription/SubscriptionID 4) ..../resource/Batch/Custom/Subscription/SubscriptionID -> for requesting data with Client Access Token for 2ndary 3Ps and offline auths. 5) ..../resource/Batch/Subscription/SubscriptionID/UsagePoint/UsagePointID
R24 Click Thru Ph1	Program Enrollment	E	Pricing Node (Pnode)	Non-Pil	UsagePoint/pnodeRefs/pnodeRef/ref Where: • UsagePoint/pnodeRefs/pnodeRef/apnodeType = 'BUS' (static) • UsagePoint/pnodeRefs/pnodeRef/ref = name of pnode	1) ..../resource/Batch/Bulk/BulkID/CorrelationID -> daily subscription job 2) ..../resource/Batch/Bulk/BulkID 3) ..../resource/Batch/Subscription/SubscriptionID 4) ..../resource/Batch/Custom/Subscription/SubscriptionID -> for requesting data with Client Access Token for 2ndary 3Ps and offline auths. 5) ..../resource/Batch/Subscription/SubscriptionID/UsagePoint/UsagePointID
R24 ED5	Program Enrollment	E	Local Capacity Area	Non-Pil	UsagePoint/aggregateNodeRefs/aggregateNodeRef/ref Where: • UsagePoint/aggregateNodeRefs/aggregateNodeRef/ref = name of LCA (String 256, not nullable) AND • UsagePoint/aggregateNodeRefs/aggregateNodeRef/anodeType = 'SYS' (static value, not nullable) Note: 'SYS' = System Zone/Region (as per ESPI modeling of ISO/RT0 network points)	1) ..../resource/Batch/Bulk/BulkID/CorrelationID -> daily subscription job 2) ..../resource/Batch/Bulk/BulkID 3) ..../resource/Batch/Subscription/SubscriptionID 4) ..../resource/Batch/Custom/Subscription/SubscriptionID -> for requesting data with Client Access Token for 2ndary 3Ps and offline auths. 5) ..../resource/Batch/Subscription/SubscriptionID/UsagePoint/UsagePointID
R24 Click Thru Ph1	Program Enrollment	E	(Current) Standby Rate Option if On-Site Generation Indicator	Non-Pil	Standby service includes an "S" prefix on rate schedule so already covered by Service tariff (D-TDU) aka rate schedule.  (Current Rate Sched) as already covered by Service tariff: usagePoint/ServiceDeliveryPoint/tariffProfile	Current rate Sched: 1) ..../resource/Batch/Bulk/BulkID/CorrelationID -> daily subscription job 2) ..../resource/Batch/Bulk/BulkID 3) ..../resource/Batch/Subscription/SubscriptionID 4) ..../resource/Batch/Custom/Subscription/SubscriptionID -> for requesting data with Client Access Token for 2ndary 3Ps and offline auths. 5) ..../resource/Batch/Subscription/SubscriptionID/UsagePoint/UsagePointID
R24 Click Thru Ph1	Billing	E	(Historical Billed) Standby Rate Option if On-Site Generation Indicator	Non-Pil	Standby service includes an "S" prefix on rate schedule so already covered by Service tariff (D-TDU) aka rate schedule.  SMD: (Historical billed rate Sched) as already provided by SMD today: usagePoint/usageSummary/tariffProfile	1) ..../resource/Batch/Bulk/BulkID/CorrelationID -> daily subscription job 2) ..../resource/Batch/Bulk/BulkID 3) ..../resource/Batch/Subscription/SubscriptionID 4) ..../resource/Batch/Custom/Subscription/SubscriptionID 5) ..../resource/Batch/Subscription/SubscriptionID/UsagePoint/UsagePointID 6) ..../resource/Subscription/SubscriptionID/UsagePoint/UsagePointID/UsageSummary 7) ..../resource/Subscription/SubscriptionID/UsagePoint/UsagePointID/UsageSummary/UsageSummaryID
R24 Click Thru Ph3	Program Enrollment	E	Customer Class Indicator	Pil	Customer/Account/ServiceLocation/Meter/type	1) ..../resource/Batch/BulkRetailCustomerInfo/BulkID/CorrelationID -> daily subscription job 2) ..../resource/Batch/BulkRetailCustomerInfo/BulkID 3) ..../resource/Batch/RetailCustomer/RetailCustomerID 4) ..../resource/Batch/Custom/RetailCustomer/RetailCustomerID
<b>Category: (Historical) Billing Elements</b>						
R24 Click Thru Ph1	Billing	Both	Bill start date	Non-Pil	UsagePoint/UsageSummary/billingPeriod/start	1) ..../resource/Batch/Bulk/BulkID/CorrelationID -> daily subscription job 2) ..../resource/Batch/Bulk/BulkID 3) ..../resource/Batch/Subscription/SubscriptionID 4) ..../resource/Batch/Custom/Subscription/SubscriptionID 5) ..../resource/Batch/Subscription/SubscriptionID/UsagePoint/UsagePointID 6) ..../resource/Subscription/SubscriptionID/UsagePoint/UsagePointID/UsageSummary 7) ..../resource/Subscription/SubscriptionID/UsagePoint/UsagePointID/UsageSummary/UsageSummaryID
R24 Click Thru Ph1	Billing	Both	Bill end date	Non-Pil	must derive end date as bill start date + bill duration where bill duration = UsagePoint/UsageSummary/billingPeriod/duration	1) ..../resource/Batch/Bulk/BulkID/CorrelationID -> daily subscription job 2) ..../resource/Batch/Bulk/BulkID 3) ..../resource/Batch/Subscription/SubscriptionID 4) ..../resource/Batch/Custom/Subscription/SubscriptionID 5) ..../resource/Batch/Subscription/SubscriptionID/UsagePoint/UsagePointID 6) ..../resource/Subscription/SubscriptionID/UsagePoint/UsagePointID/UsageSummary 7) ..../resource/Subscription/SubscriptionID/UsagePoint/UsagePointID/UsageSummary/UsageSummaryID

R24 Click Thru Ph1	Billing	Both		Bill total charges (\$)	Non-PII	UsagePoint/UsageSummary/billLastPeriod	1.._esp/1_1/resource/Batch/Bulk/BulkID/(CorrelationID) -> daily subscription job 2.._esp/1_1/resource/Batch/Bulk/BulkID 3.._esp/1_1/resource/Batch/Subscription/SubscriptionID 4.._esp/1_1/resource/Batch/Custom/Subscription/SubscriptionID 5.._esp/1_1/resource/Batch/Subscription/SubscriptionID/UsagePoint/UsagePointID 6.._esp/1_1/resource/Subscription/SubscriptionID/UsagePoint/UsagePointID/UsageSummary 7.._esp/1_1/resource/Subscription/SubscriptionID/UsagePoint/UsagePointID/UsageSummary/UsageSummaryID
R24 Click Thru Ph1	Usage or Billing (either)	E		Bill total kWh	Non-PII	UsagePoint/UsageSummary/overallConsumptionLastPeriod/value	1.._esp/1_1/resource/Batch/Bulk/BulkID/(CorrelationID) -> daily subscription job 2.._esp/1_1/resource/Batch/Bulk/BulkID 3.._esp/1_1/resource/Batch/Subscription/SubscriptionID 4.._esp/1_1/resource/Batch/Custom/Subscription/SubscriptionID 5.._esp/1_1/resource/Batch/Subscription/SubscriptionID/UsagePoint/UsagePointID 6.._esp/1_1/resource/Subscription/SubscriptionID/UsagePoint/UsagePointID/UsageSummary 7.._esp/1_1/resource/Subscription/SubscriptionID/UsagePoint/UsagePointID/UsageSummary/UsageSummaryID
R24 EDS	Billing	E	Name of Service Provider (associated to given bill aka usageSummary)		Non-PII	UsagePoint/UsageSummary/billingChargeSource/agencyName (String 256) Where: For PG&E Charges, agencyName = "PGE" For CCA/DA charges, agencyName = name of CCA/DA (same value as LSE as found in Customer/CustomerAccount/CustomerAgreement/ServiceSupplier/OrganizationName)	1.._esp/1_1/resource/Batch/Bulk/BulkID/(CorrelationID) -> daily subscription job 2.._esp/1_1/resource/Batch/Bulk/BulkID 3.._esp/1_1/resource/Batch/Subscription/SubscriptionID 4.._esp/1_1/resource/Batch/Custom/Subscription/SubscriptionID 5.._esp/1_1/resource/Batch/Subscription/SubscriptionID/UsagePoint/UsagePointID 6.._esp/1_1/resource/Subscription/SubscriptionID/UsagePoint/UsagePointID/UsageSummary 7.._esp/1_1/resource/Subscription/SubscriptionID/UsagePoint/UsagePointID/UsageSummary/UsageSummaryID
<b>Category: (Historical) Bill tier breakdown (if any)</b>							
R24 EDS	Billing	E	Line Item Bill Period (for Tier breakdown)		Non-PII	UsagePoint/UsageSummary/costAdditionalDetailLastPeriod/ItemPeriod/start + UsagePoint/UsageSummary/costAdditionalDetailLastPeriod/ItemPeriod/duration start = start date for Line Item Period (datatype = TimeType: signed 64-bit value representing the number of seconds since 0 hours, 0 minutes, 0 seconds, on the 1st of January, 1970) duration = duration of Line Item Period. start-duration = end date. (datatype = UInt32: Unsigned 32-bit integer value representing duration in seconds)	1.._esp/1_1/resource/Batch/Bulk/BulkID/(CorrelationID) -> daily subscription job 2.._esp/1_1/resource/Batch/Bulk/BulkID 3.._esp/1_1/resource/Batch/Subscription/SubscriptionID 4.._esp/1_1/resource/Batch/Custom/Subscription/SubscriptionID -> for requesting data with Client Access Token for 2ndary 3Ps and offline auths. 5.._esp/1_1/resource/Batch/Subscription/SubscriptionID/UsagePoint/UsagePointID 6.._esp/1_1/resource/Subscription/SubscriptionID/UsagePoint/UsagePointID/UsageSummary 7.._esp/1_1/resource/Subscription/SubscriptionID/UsagePoint/UsagePointID/UsageSummary/UsageSummaryID
R24 Click Thru Ph1 + EDS	Billing	E	Name (Over Baseline 1%-30%)		Non-PII	UsagePoint/UsageSummary/costAdditionalDetailLastPeriod/note (String 256) Examples: Tier 1/2/3/4/5 Usage Peak Tier 1/2/3/4/5 Usage Off Peak Tier 1/2/3/4/5 Usage Part Peak Tier 1/2/3/4/5 Usage	1.._esp/1_1/resource/Batch/Bulk/BulkID/(CorrelationID) -> daily subscription job 2.._esp/1_1/resource/Batch/Bulk/BulkID 3.._esp/1_1/resource/Batch/Subscription/SubscriptionID 4.._esp/1_1/resource/Batch/Custom/Subscription/SubscriptionID -> for requesting data with Client Access Token for 2ndary 3Ps and offline auths. 5.._esp/1_1/resource/Batch/Subscription/SubscriptionID/UsagePoint/UsagePointID 6.._esp/1_1/resource/Subscription/SubscriptionID/UsagePoint/UsagePointID/UsageSummary 7.._esp/1_1/resource/Subscription/SubscriptionID/UsagePoint/UsagePointID/UsageSummary/UsageSummaryID
R24 Click Thru Ph1 + EDS	Billing	E	Volume (1234.2)		Non-PII	UsagePoint/UsageSummary/costAdditionalDetailLastPeriod/measurement/value (numeric value) + UsagePoint/UsageSummary/costAdditionalDetailLastPeriod/measurement/uom (static value of "72" which maps to "Wh" for Watt Hour) + UsagePoint/UsageSummary/costAdditionalDetailLastPeriod/measurement/powerOffTenMultiplier	1.._esp/1_1/resource/Batch/Bulk/BulkID/(CorrelationID) -> daily subscription job 2.._esp/1_1/resource/Batch/Bulk/BulkID 3.._esp/1_1/resource/Batch/Subscription/SubscriptionID 4.._esp/1_1/resource/Batch/Custom/Subscription/SubscriptionID -> for requesting data with Client Access Token for 2ndary 3Ps and offline auths. 5.._esp/1_1/resource/Batch/Subscription/SubscriptionID/UsagePoint/UsagePointID 6.._esp/1_1/resource/Subscription/SubscriptionID/UsagePoint/UsagePointID/UsageSummary 7.._esp/1_1/resource/Subscription/SubscriptionID/UsagePoint/UsagePointID/UsageSummary/UsageSummaryID
R24 EDS	Billing	E	Rate (\$0.032/kWh)		Non-PII	UsagePoint/UsageSummary/costAdditionalDetailLastPeriod/unitCost (Int48) (populated only when available).	1.._esp/1_1/resource/Batch/Bulk/BulkID/(CorrelationID) -> daily subscription job 2.._esp/1_1/resource/Batch/Bulk/BulkID 3.._esp/1_1/resource/Batch/Subscription/SubscriptionID 4.._esp/1_1/resource/Batch/Custom/Subscription/SubscriptionID -> for requesting data with Client Access Token for 2ndary 3Ps and offline auths. 5.._esp/1_1/resource/Batch/Subscription/SubscriptionID/UsagePoint/UsagePointID 6.._esp/1_1/resource/Subscription/SubscriptionID/UsagePoint/UsagePointID/UsageSummary 7.._esp/1_1/resource/Subscription/SubscriptionID/UsagePoint/UsagePointID/UsageSummary/UsageSummaryID
R24 EDS	Billing	E	Cost (\$100.23)		Non-PII	UsagePoint/UsageSummary/costAdditionalDetailLastPeriod/amount (Int48, nullable) Int48 datatype = "Signed integer, max inclusive -140737488355327 to +140737488355327 (2^47-1), restriction of xs:long) + UsagePoint/UsageSummary/costAdditionalDetailLastPeriod/itemKind = 3 (static value, non nullable. 3 = "Energy Usage Fee")	1.._esp/1_1/resource/Batch/Bulk/BulkID/(CorrelationID) -> daily subscription job 2.._esp/1_1/resource/Batch/Bulk/BulkID 3.._esp/1_1/resource/Batch/Subscription/SubscriptionID 4.._esp/1_1/resource/Batch/Custom/Subscription/SubscriptionID -> for requesting data with Client Access Token for 2ndary 3Ps and offline auths. 5.._esp/1_1/resource/Batch/Subscription/SubscriptionID/UsagePoint/UsagePointID 6.._esp/1_1/resource/Subscription/SubscriptionID/UsagePoint/UsagePointID/UsageSummary 7.._esp/1_1/resource/Subscription/SubscriptionID/UsagePoint/UsagePointID/UsageSummary/UsageSummaryID
<b>Category: (Historical) Bill TOU kWh breakdown (if any)</b>							
R24 EDS	Billing	E	Line Item Bill Period (for TOU breakdown)		Non-PII	UsagePoint/UsageSummary/costAdditionalDetailLastPeriod/ItemPeriod/start + UsagePoint/UsageSummary/costAdditionalDetailLastPeriod/ItemPeriod/duration start = start date for Line Item Period (datatype = TimeType: signed 64-bit value representing the number of seconds since 0 hours, 0 minutes, 0 seconds, on the 1st of January, 1970) duration = duration of Line Item Period. start-duration = end date. (datatype = UInt32: Unsigned 32-bit integer value representing duration in seconds)	1.._esp/1_1/resource/Batch/Bulk/BulkID/(CorrelationID) -> daily subscription job 2.._esp/1_1/resource/Batch/Bulk/BulkID 3.._esp/1_1/resource/Batch/Subscription/SubscriptionID 4.._esp/1_1/resource/Batch/Custom/Subscription/SubscriptionID -> for requesting data with Client Access Token for 2ndary 3Ps and offline auths. 5.._esp/1_1/resource/Batch/Subscription/SubscriptionID/UsagePoint/UsagePointID 6.._esp/1_1/resource/Subscription/SubscriptionID/UsagePoint/UsagePointID/UsageSummary 7.._esp/1_1/resource/Subscription/SubscriptionID/UsagePoint/UsagePointID/UsageSummary/UsageSummaryID
R24 Click Thru Ph1 + EDS	Billing	E	Name (of TOU charge)		Non-PII	UsagePoint/UsageSummary/costAdditionalDetailLastPeriod/note (String 256) TOU Usage Peak Energy Charge Off Peak Energy Charge Part Peak Energy Charge TBCC TOU Usage (Transitional Bundled Commodity Cost) TBCC Peak TBCC Off Peak TBCC Part Peak	1.._esp/1_1/resource/Batch/Bulk/BulkID/(CorrelationID) -> daily subscription job 2.._esp/1_1/resource/Batch/Bulk/BulkID 3.._esp/1_1/resource/Batch/Subscription/SubscriptionID 4.._esp/1_1/resource/Batch/Custom/Subscription/SubscriptionID -> for requesting data with Client Access Token for 2ndary 3Ps and offline auths. 5.._esp/1_1/resource/Batch/Subscription/SubscriptionID/UsagePoint/UsagePointID 6.._esp/1_1/resource/Subscription/SubscriptionID/UsagePoint/UsagePointID/UsageSummary 7.._esp/1_1/resource/Subscription/SubscriptionID/UsagePoint/UsagePointID/UsageSummary/UsageSummaryID
R24 Click Thru Ph1 + EDS	Billing	E	Volume (1234.2)		Non-PII	UsagePoint/UsageSummary/costAdditionalDetailLastPeriod/measurement/value (Int48, nullable) + UsagePoint/UsageSummary/costAdditionalDetailLastPeriod/measurement/uom (static value of "72" which maps to "Wh" for Watt Hour) + UsagePoint/UsageSummary/costAdditionalDetailLastPeriod/measurement/powerOffTenMultiplier	1.._esp/1_1/resource/Batch/Bulk/BulkID/(CorrelationID) -> daily subscription job 2.._esp/1_1/resource/Batch/Bulk/BulkID 3.._esp/1_1/resource/Batch/Subscription/SubscriptionID 4.._esp/1_1/resource/Batch/Custom/Subscription/SubscriptionID -> for requesting data with Client Access Token for 2ndary 3Ps and offline auths. 5.._esp/1_1/resource/Batch/Subscription/SubscriptionID/UsagePoint/UsagePointID 6.._esp/1_1/resource/Subscription/SubscriptionID/UsagePoint/UsagePointID/UsageSummary 7.._esp/1_1/resource/Subscription/SubscriptionID/UsagePoint/UsagePointID/UsageSummary/UsageSummaryID
R24 EDS	Billing	E	Rate (\$0.032/kWh)		Non-PII	UsagePoint/UsageSummary/costAdditionalDetailLastPeriod/unitCost (populated only when available).	1.._esp/1_1/resource/Batch/Bulk/BulkID/(CorrelationID) -> daily subscription job 2.._esp/1_1/resource/Batch/Bulk/BulkID 3.._esp/1_1/resource/Batch/Subscription/SubscriptionID 4.._esp/1_1/resource/Batch/Custom/Subscription/SubscriptionID -> for requesting data with Client Access Token for 2ndary 3Ps and offline auths. 5.._esp/1_1/resource/Batch/Subscription/SubscriptionID/UsagePoint/UsagePointID 6.._esp/1_1/resource/Subscription/SubscriptionID/UsagePoint/UsagePointID/UsageSummary 7.._esp/1_1/resource/Subscription/SubscriptionID/UsagePoint/UsagePointID/UsageSummary/UsageSummaryID
R24 EDS	Billing	E	Cost (\$100.23)		Non-PII	UsagePoint/UsageSummary/costAdditionalDetailLastPeriod/amount (Int48, nullable) Int48 datatype = "Signed integer, max inclusive -140737488355327 to +140737488355327 (2^47-1), restriction of xs:long) + UsagePoint/UsageSummary/costAdditionalDetailLastPeriod/itemKind = 3 (static value, non nullable. 3 = "Energy Usage Fee")	1.._esp/1_1/resource/Batch/Bulk/BulkID/(CorrelationID) -> daily subscription job 2.._esp/1_1/resource/Batch/Bulk/BulkID 3.._esp/1_1/resource/Batch/Subscription/SubscriptionID 4.._esp/1_1/resource/Batch/Custom/Subscription/SubscriptionID -> for requesting data with Client Access Token for 2ndary 3Ps and offline auths. 5.._esp/1_1/resource/Batch/Subscription/SubscriptionID/UsagePoint/UsagePointID 6.._esp/1_1/resource/Subscription/SubscriptionID/UsagePoint/UsagePointID/UsageSummary 7.._esp/1_1/resource/Subscription/SubscriptionID/UsagePoint/UsagePointID/UsageSummary/UsageSummaryID
<b>Category: (Historical) Bill demand breakdown (if any)</b>							
R24 EDS	Billing	E	Line Item Bill Period (for Demand breakdown)		Non-PII	UsagePoint/UsageSummary/costAdditionalDetailLastPeriod/ItemPeriod/start + UsagePoint/UsageSummary/costAdditionalDetailLastPeriod/ItemPeriod/duration start = start date for Line Item Period (datatype = TimeType: signed 64-bit value representing the number of seconds since 0 hours, 0 minutes, 0 seconds, on the 1st of January, 1970) duration = duration of Line Item Period. start-duration = end date. (datatype = UInt32: Unsigned 32-bit integer value representing duration in seconds)	1.._esp/1_1/resource/Batch/Bulk/BulkID/(CorrelationID) -> daily subscription job 2.._esp/1_1/resource/Batch/Bulk/BulkID 3.._esp/1_1/resource/Batch/Subscription/SubscriptionID 4.._esp/1_1/resource/Batch/Custom/Subscription/SubscriptionID -> for requesting data with Client Access Token for 2ndary 3Ps and offline auths. 5.._esp/1_1/resource/Batch/Subscription/SubscriptionID/UsagePoint/UsagePointID 6.._esp/1_1/resource/Subscription/SubscriptionID/UsagePoint/UsagePointID/UsageSummary 7.._esp/1_1/resource/Subscription/SubscriptionID/UsagePoint/UsagePointID/UsageSummary/UsageSummaryID
R24 Click Thru Ph1 + EDS	Billing	E	Name (See Comments for the complete list of Demand Breakdown fields)		Non-PII	UsagePoint/UsageSummary/costAdditionalDetailLastPeriod/note (String 256)	1.._esp/1_1/resource/Batch/Bulk/BulkID/(CorrelationID) -> daily subscription job 2.._esp/1_1/resource/Batch/Bulk/BulkID 3.._esp/1_1/resource/Batch/Subscription/SubscriptionID 4.._esp/1_1/resource/Batch/Custom/Subscription/SubscriptionID 5.._esp/1_1/resource/Batch/Subscription/SubscriptionID/UsagePoint/UsagePointID 6.._esp/1_1/resource/Subscription/SubscriptionID/UsagePoint/UsagePointID/UsageSummary 7.._esp/1_1/resource/Subscription/SubscriptionID/UsagePoint/UsagePointID/UsageSummary/UsageSummaryID

R24 Click Thru Ph1 + EDS	Billing	E	Volume (1234.2)	Non-Pii	UsagePoint/UsageSummary/costAdditionalDetailLastPeriod/measurement/value (Int48, nullable) + UsagePoint/UsageSummary/costAdditionalDetailLastPeriod/measurement/uom (static value of "38" which maps to "W" for Watt) + UsagePoint/UsageSummary/costAdditionalDetailLastPeriod/measurement/powerOffenMultiplier	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/Custom/Subscription/SubscriptionID 5) ./espi/1_1/resource/Batch/Subscription/SubscriptionID/UsagePoint/UsagePointID 6) ./espi/1_1/resource/Subscription/SubscriptionID/UsagePoint/UsagePointID/UsageSummary 7) ./espi/1_1/resource/Subscription/SubscriptionID/UsagePoint/UsagePointID/UsageSummary/UsageSummaryID
R24 EDS	Billing	E	Rate (\$0.032/kWh)	Non-Pii	UsagePoint/UsageSummary/costAdditionalDetailLastPeriod/unitCost (Int48, nullable) (populated only when available).	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/Custom/Subscription/SubscriptionID -> for requesting data with Client Access Token for 2ndary 3Ps and offline auths. 5) ./espi/1_1/resource/Batch/Subscription/SubscriptionID/UsagePoint/UsagePointID 6) ./espi/1_1/resource/Subscription/SubscriptionID/UsagePoint/UsagePointID/UsageSummary 7) ./espi/1_1/resource/Subscription/SubscriptionID/UsagePoint/UsagePointID/UsageSummary/UsageSummaryID
R24 EDS	Billing	E	Cost (\$100.23)	Non-Pii	UsagePoint/UsageSummary/costAdditionalDetailLastPeriod/amount (Int48, nullable) Int48 datatype = "Signed integer, max inclusive -14073748835327 to +14073748835327 (2*47-1), restriction of xs:long). + UsagePoint/UsageSummary/costAdditionalDetailLastPeriod/itemKind = 3 (static value, non nullable. 3 = "Energy Usage Fee")	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/Custom/Subscription/SubscriptionID -> for requesting data with Client Access Token for 2ndary 3Ps and offline auths. 5) ./espi/1_1/resource/Batch/Subscription/SubscriptionID/UsagePoint/UsagePointID 6) ./espi/1_1/resource/Subscription/SubscriptionID/UsagePoint/UsagePointID/UsageSummary 7) ./espi/1_1/resource/Subscription/SubscriptionID/UsagePoint/UsagePointID/UsageSummary/UsageSummaryID
<b>Category: Historical Bill line items</b>						
R24 EDS	Billing	E	Line Item Bill Period	Non-Pii	UsagePoint/UsageSummary/costAdditionalDetailLastPeriod/itemPeriod/start + UsagePoint/UsageSummary/costAdditionalDetailLastPeriod/itemPeriod/duration  start = start date for Line Item Period (datatype = TimeType: signed 64-bit value representing the number of seconds since 0 hours, 0 minutes, 0 seconds, on the 1st of January, 1970) duration = duration of Line Item Period. start-duration = end date. (datatype = UInt32: Unsigned 32-bit integer value representing duration in seconds)	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/Custom/Subscription/SubscriptionID -> for requesting data with Client Access Token for 2ndary 3Ps and offline auths. 5) ./espi/1_1/resource/Batch/Subscription/SubscriptionID/UsagePoint/UsagePointID 6) ./espi/1_1/resource/Subscription/SubscriptionID/UsagePoint/UsagePointID/UsageSummary 7) ./espi/1_1/resource/Subscription/SubscriptionID/UsagePoint/UsagePointID/UsageSummary/UsageSummaryID
R24 EDS	Billing	E	Charge name (DWR Bond Charge)	Non-Pii	UsagePoint/UsageSummary/costAdditionalDetailLastPeriod/note (String 256)	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/Custom/Subscription/SubscriptionID -> for requesting data with Client Access Token for 2ndary 3Ps and offline auths. 5) ./espi/1_1/resource/Batch/Subscription/SubscriptionID/UsagePoint/UsagePointID 6) ./espi/1_1/resource/Subscription/SubscriptionID/UsagePoint/UsagePointID/UsageSummary 7) ./espi/1_1/resource/Subscription/SubscriptionID/UsagePoint/UsagePointID/UsageSummary/UsageSummaryID
R24 EDS	Billing	E	Volume (1234.2)	Non-Pii	UsagePoint/UsageSummary/costAdditionalDetailLastPeriod/measurement/value (Int48, nullable) + UsagePoint/UsageSummary/costAdditionalDetailLastPeriod/measurement/powerOffenMultiplier (static value of .37)	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/Custom/Subscription/SubscriptionID -> for requesting data with Client Access Token for 2ndary 3Ps and offline auths. 5) ./espi/1_1/resource/Batch/Subscription/SubscriptionID/UsagePoint/UsagePointID 6) ./espi/1_1/resource/Subscription/SubscriptionID/UsagePoint/UsagePointID/UsageSummary 7) ./espi/1_1/resource/Subscription/SubscriptionID/UsagePoint/UsagePointID/UsageSummary/UsageSummaryID
R24 EDS	Billing	E	Unit (kWh)	Non-Pii	UsagePoint/UsageSummary/costAdditionalDetailLastPeriod/measurement/uom (value depends on line item). Relevant possible values include: 38 = W (Watts) 72 = Wh (Watt hours) 169 = Therms 63 = Var (reactive power measured in Volt Ampere reactive) 71 = VAh (Volt Ampere hours) 73 = VAh (Reactive energy, Volt Ampere reactive hours) 29 = V (Volts) 30 = Ohms 5 = Amps 31 = Energy joule 132 = BTU (British Thermal Units) 119 = Cubic feet 153 = Power Factor, PF, W/VA	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/Custom/Subscription/SubscriptionID -> for requesting data with Client Access Token for 2ndary 3Ps and offline auths. 5) ./espi/1_1/resource/Batch/Subscription/SubscriptionID/UsagePoint/UsagePointID 6) ./espi/1_1/resource/Subscription/SubscriptionID/UsagePoint/UsagePointID/UsageSummary 7) ./espi/1_1/resource/Subscription/SubscriptionID/UsagePoint/UsagePointID/UsageSummary/UsageSummaryID
R24 EDS	Billing	E	Rate (\$0.032/kWh)	Non-Pii	UsagePoint/UsageSummary/costAdditionalDetailLastPeriod/unitCost (Int 48) (populated only when available).	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/Custom/Subscription/SubscriptionID -> for requesting data with Client Access Token for 2ndary 3Ps and offline auths. 5) ./espi/1_1/resource/Batch/Subscription/SubscriptionID/UsagePoint/UsagePointID 6) ./espi/1_1/resource/Subscription/SubscriptionID/UsagePoint/UsagePointID/UsageSummary 7) ./espi/1_1/resource/Subscription/SubscriptionID/UsagePoint/UsagePointID/UsageSummary/UsageSummaryID
R24 EDS	Billing	E	Cost (\$100.23)	Non-Pii	UsagePoint/UsageSummary/costAdditionalDetailLastPeriod/amount + UsagePoint/UsageSummary/costAdditionalDetailLastPeriod/itemKind = one of the following (i.e. 1-10): 1: Energy Generation Fee. A charge for generation of energy. 2: Energy Delivery Fee. A charge for delivery of energy. 3: Energy Usage Fee. A charge for electricity, natural gas, water consumption. 4: Administrative Fee. A fee for administrative services. 5: Tax. A local, state, or federal energy tax. 6: Energy Generation Credit. A credit, discount or rebate for generation of energy. 7: Energy Delivery Credit. A credit, discount or rebate for delivery of energy. 8: Administrative Credit. A credit, discount or rebate for administrative services. 9: Payment. A payment for a previous billing 10: Information. An informational line item. (Informational only item that isn't necessarily used when adding up to the bill total \$ amount)	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/Custom/Subscription/SubscriptionID -> for requesting data with Client Access Token for 2ndary 3Ps and offline auths. 5) ./espi/1_1/resource/Batch/Subscription/SubscriptionID/UsagePoint/UsagePointID 6) ./espi/1_1/resource/Subscription/SubscriptionID/UsagePoint/UsagePointID/UsageSummary 7) ./espi/1_1/resource/Subscription/SubscriptionID/UsagePoint/UsagePointID/UsageSummary/UsageSummaryID
<b>Category: Historical (Usage) Intervals</b>						
R24 Click Thru Ph1	Usage	Both	(Interval Usig) Start	Non-Pii	UsagePoint/MeterReading/IntervalBlock/IntervalReading/timePeriod/start	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/Custom/Subscription/SubscriptionID 5) ./espi/1_1/resource/Batch/Subscription/SubscriptionID/UsagePoint/UsagePointID 6) ./espi/1_1/resource/Subscription/SubscriptionID/UsagePoint/UsagePointID/MeterReading/IntervalBlock 7) ./espi/1_1/resource/Subscription/SubscriptionID/UsagePoint/UsagePointID/MeterReading/IntervalBlock/IntervalBlockID
R24 Click Thru Ph1	Program Enrollment	Both	(default Interval) Duration (length in seconds)	Pii	Customer /CustomerAccount /CustomerAgreement/ServiceLocation/Meter/intervalLength	1) ./espi/1_1/resource/Batch/BulkRetailCustomerInfo/BulkID/(CorrelationID) -> daily subscription job 2) ./espi/1_1/resource/Batch/BulkRetailCustomerInfo/BulkID 3) ./espi/1_1/resource/Batch/RetailCustomer/RetailCustomerID 4) ./espi/1_1/resource/Batch/Custom/RetailCustomer/RetailCustomerID -> new API for requesting individual RetailCustomer details using Client Access Token (for offline auths and 2ndary 3Ps)

R24 Click Thru Ph1	Usage	Both	(Interval Usq) Volume (1234.2)	Non-Pii	UsagePoint/MeterReading/IntervalBlock/IntervalReading/Value	1)../espi/1_1/resource/Batch/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/Custom/Subscription/SubscriptionID 5)../espi/1_1/resource/Batch/Subscription/SubscriptionID/UsagePoint/UsagePointID 6)../espi/1_1/resource/Subscription/SubscriptionID/UsagePoint/UsagePointID/MeterReading/MeterReadingID/IntervalBlock 7)../espi/1_1/resource/Subscription/SubscriptionID/UsagePoint/UsagePointID/MeterReading/MeterReadingID/IntervalBlock/IntervalBlockID
R24 Click Thru Ph1	Usage	Both	Unit (kWh / Therm)	Non-Pii	UsagePoint/MeterReading/ReadingType/ uom	1)../espi/1_1/resource/Batch/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/Custom/Subscription/SubscriptionID -> for offline auths & 2ndary 3Ps 5)../espi/1_1/resource/Batch/Subscription/SubscriptionID/UsagePoint/UsagePointID 6)../espi/1_1/resource/Subscription/SubscriptionID/UsagePoint/UsagePointID/MeterReading/MeterReadingID ReadingType will have an uplink associating it to a specific UsagePoint's MeterReading and IntervalBlock
<b>Category: Utility Demand Response Programs</b>						
R24 Click Thru Ph1	Program Enrollment	E	(DR) Program Name	Pii	Customer/CustomerAccount/CustomerAgreement/DemandResponseProgram/programName	1)../espi/1_1/resource/Batch/RetailDRProgInfo/RetailCustomerID where RetailCustomerID = AuthorizationID = SubscriptionID 2)../espi/1_1/resource/Batch/Custom/RetailDRProgInfo/RetailCustomerID where RetailCustomerID = AuthorizationID = SubscriptionID -> for 2ndary 3Ps and offline auths (using client access token) 3)../espi/1_1/resource/Batch/BulkRetailDRProgInfo/BulkID/CorrelationID -> (daily subscription job) 4)../espi/1_1/resource/Batch/BulkRetailDRProgInfo/BulkID
R24 EDS	Program Enrollment	E	Capacity Reservation Level (CRL) for CPP/PDP customers	Pii	Customer/CustomerAccount/CustomerAgreement/DemandResponseProgram/capacityReservationLevel/value (int48, nullable) + Customer/CustomerAccount/CustomerAgreement/DemandResponseProgram/capacityReservationLevel/powerOfTenMultiplier (int16; between -12 to 12) + Customer/CustomerAccount/CustomerAgreement/DemandResponseProgram/capacityReservationLevel/uom (integer mapping)	1)../espi/1_1/resource/Batch/RetailDRProgInfo/RetailCustomerID where RetailCustomerID = AuthorizationID = SubscriptionID 2)../espi/1_1/resource/Batch/Custom/RetailDRProgInfo/RetailCustomerID where RetailCustomerID = AuthorizationID = SubscriptionID -> for 2ndary 3Ps and offline auths (using client access token) 3)../espi/1_1/resource/Batch/BulkRetailDRProgInfo/BulkID/CorrelationID -> (daily subscription job) 4)../espi/1_1/resource/Batch/BulkRetailDRProgInfo/BulkID
R24 EDS	Program Enrollment	E	DR Program Nomination if fixed	Pii	Customer/CustomerAccount/CustomerAgreement/DemandResponseProgram/DRProgramNomination/value (int48, nullable) + Customer/CustomerAccount/CustomerAgreement/DemandResponseProgram/DRProgramNomination/powerOfTenMultiplier (int16; between -12 to 12) + Customer/CustomerAccount/CustomerAgreement/DemandResponseProgram/DRProgramNomination/uom (integer mapping)	1)../espi/1_1/resource/Batch/RetailDRProgInfo/RetailCustomerID where RetailCustomerID = AuthorizationID = SubscriptionID 2)../espi/1_1/resource/Batch/Custom/RetailDRProgInfo/RetailCustomerID where RetailCustomerID = AuthorizationID = SubscriptionID -> for 2ndary 3Ps and offline auths (using client access token) 3)../espi/1_1/resource/Batch/BulkRetailDRProgInfo/BulkID/CorrelationID -> (daily subscription job) 4)../espi/1_1/resource/Batch/BulkRetailDRProgInfo/BulkID
R24 Click Thru Ph1	Program Enrollment	E	Earliest Termination Date from UDC DR Program without Financial Obligation	Pii	Customer/CustomerAccount/CustomerAgreement/DemandResponseProgram/programDate/programDate + Customer/CustomerAccount/CustomerAgreement/DemandResponseProgram/programDate/programDateDescription	1)../espi/1_1/resource/Batch/RetailDRProgInfo/RetailCustomerID where RetailCustomerID = AuthorizationID = SubscriptionID 2)../espi/1_1/resource/Batch/Custom/RetailDRProgInfo/RetailCustomerID where RetailCustomerID = AuthorizationID = SubscriptionID -> for 2ndary 3Ps and offline auths (using client access token) 3)../espi/1_1/resource/Batch/BulkRetailDRProgInfo/BulkID/CorrelationID -> (daily subscription job) 4)../espi/1_1/resource/Batch/BulkRetailDRProgInfo/BulkID
R24 Click Thru Ph1	Program Enrollment	E	Earliest Termination Date from UDC DR Program regardless of Financial Obligation	Pii	Customer/CustomerAccount/CustomerAgreement/DemandResponseProgram/programDate/programDate + Customer/CustomerAccount/CustomerAgreement/DemandResponseProgram/programDate/programDateDescription	1)../espi/1_1/resource/Batch/RetailDRProgInfo/RetailCustomerID where RetailCustomerID = AuthorizationID = SubscriptionID 2)../espi/1_1/resource/Batch/Custom/RetailDRProgInfo/RetailCustomerID where RetailCustomerID = AuthorizationID = SubscriptionID -> for 2ndary 3Ps and offline auths (using client access token) 3)../espi/1_1/resource/Batch/BulkRetailDRProgInfo/BulkID/CorrelationID -> (daily subscription job) 4)../espi/1_1/resource/Batch/BulkRetailDRProgInfo/BulkID
R24 Click Thru Ph1	Program Enrollment	E	DR Program Status	Pii	Customer/CustomerAccount/CustomerAgreement/DemandResponseProgram/enrollmentStatus possible values for status: enrolled/unenrolled/enrolledPending	1)../espi/1_1/resource/Batch/RetailDRProgInfo/RetailCustomerID where RetailCustomerID = AuthorizationID = SubscriptionID 2)../espi/1_1/resource/Batch/Custom/RetailDRProgInfo/RetailCustomerID where RetailCustomerID = AuthorizationID = SubscriptionID -> for 2ndary 3Ps and offline auths (using client access token) 3)../espi/1_1/resource/Batch/BulkRetailDRProgInfo/BulkID/CorrelationID -> (daily subscription job) 4)../espi/1_1/resource/Batch/BulkRetailDRProgInfo/BulkID
R24 Click Thru Ph1	Program Enrollment	E	DR Program Enrollment Date	Pii	Customer/CustomerAccount/CustomerAgreement/DemandResponseProgram/programDate/programDate + Customer/CustomerAccount/CustomerAgreement/DemandResponseProgram/programDate/programDateDescription	1)../espi/1_1/resource/Batch/RetailDRProgInfo/RetailCustomerID where RetailCustomerID = AuthorizationID = SubscriptionID 2)../espi/1_1/resource/Batch/Custom/RetailDRProgInfo/RetailCustomerID where RetailCustomerID = AuthorizationID = SubscriptionID -> for 2ndary 3Ps and offline auths (using client access token) 3)../espi/1_1/resource/Batch/BulkRetailDRProgInfo/BulkID/CorrelationID -> (daily subscription job) 4)../espi/1_1/resource/Batch/BulkRetailDRProgInfo/BulkID
R24 Click Thru Ph1	Program Enrollment	E	DR Program De-enrollment Date	Pii	Customer/CustomerAccount/CustomerAgreement/DemandResponseProgram/programDate/programDate + Customer/CustomerAccount/CustomerAgreement/DemandResponseProgram/programDate/programDateDescription	1)../espi/1_1/resource/Batch/RetailDRProgInfo/RetailCustomerID where RetailCustomerID = AuthorizationID = SubscriptionID 2)../espi/1_1/resource/Batch/Custom/RetailDRProgInfo/RetailCustomerID where RetailCustomerID = AuthorizationID = SubscriptionID -> for 2ndary 3Ps and offline auths (using client access token) 3)../espi/1_1/resource/Batch/BulkRetailDRProgInfo/BulkID/CorrelationID -> (daily subscription job) 4)../espi/1_1/resource/Batch/BulkRetailDRProgInfo/BulkID
<b>Category: Service Providers</b>						
R24 Click Thru Ph1 + EDS	Program Enrollment	Both	LSE	Pii	Customer/CustomerAccount/CustomerAgreement/ServiceSupplier/kind Where supplierKind = 'lse' (static - lowercase) + Customer/CustomerAccount/CustomerAgreement/ServiceSupplier/Organization/name Where name = name of lse (string 256; nullable)	1)../espi/1_1/resource/Batch/BulkRetailCustomerInfo/BulkID/CorrelationID -> daily subscription job 2)../espi/1_1/resource/Batch/BulkRetailCustomerInfo/BulkID 3)../espi/1_1/resource/Batch/RetailCustomer/RetailCustomerID 4)../espi/1_1/resource/Batch/Custom/RetailCustomer/RetailCustomerID -> new API for requesting individual RetailCustomer details using Client Access Token (for offline auths and 2ndary 3Ps)
R24 EDS	Program Enrollment	E	Known future changes to LSE	Pii	This would be a 2nd separate entry from current LSE -> 1. CustomerAgreement w/ 2 ServiceSuppliers (relational links): Customer/CustomerAccount/CustomerAgreement/ServiceSupplier/kind Where supplierKind = 'lse' (static - lowercase) + Customer/CustomerAccount/CustomerAgreement/ServiceSupplier/Organization/name Where name = name of LSE (string 256; nullable) + Customer/CustomerAccount/CustomerAgreement/ServiceSupplier/effectiveDate = date future LSE becomes effective (int64 which is a signed 64-bit value representing the number of seconds since 0 hours, 0 minutes, 0 seconds, on the 1st of January, 1970, nullable)	1)../espi/1_1/resource/Batch/BulkRetailCustomerInfo/BulkID/CorrelationID -> daily subscription job 2)../espi/1_1/resource/Batch/BulkRetailCustomerInfo/BulkID 3)../espi/1_1/resource/Batch/RetailCustomer/RetailCustomerID 4)../espi/1_1/resource/Batch/Custom/RetailCustomer/RetailCustomerID -> new API for requesting individual RetailCustomer details using Client Access Token (for offline auths and 2ndary 3Ps)
R24 Click Thru Ph1	Program Enrollment	Both	MDMA	Pii	Customer/CustomerAccount/CustomerAgreement/ServiceSupplier/kind Where supplierKind = 'mdma' (static - lowercase) + Customer/CustomerAccount/CustomerAgreement/ServiceSupplier/Organization/name Where name = name of MDMA	1)../espi/1_1/resource/Batch/BulkRetailCustomerInfo/BulkID/CorrelationID -> daily subscription job 2)../espi/1_1/resource/Batch/BulkRetailCustomerInfo/BulkID 3)../espi/1_1/resource/Batch/RetailCustomer/RetailCustomerID 4)../espi/1_1/resource/Batch/Custom/RetailCustomer/RetailCustomerID -> new API for requesting individual RetailCustomer details using Client Access Token (for offline auths and 2ndary 3Ps)
R24 Click Thru Ph1	Program Enrollment	Both	MSP	Pii	Customer/CustomerAccount/CustomerAgreement/ServiceSupplier/kind Where supplierKind = 'msp' (static - lowercase) + Customer/CustomerAccount/CustomerAgreement/ServiceSupplier/Organization/name Where name = name of MSP	1)../espi/1_1/resource/Batch/BulkRetailCustomerInfo/BulkID/CorrelationID -> daily subscription job 2)../espi/1_1/resource/Batch/BulkRetailCustomerInfo/BulkID 3)../espi/1_1/resource/Batch/RetailCustomer/RetailCustomerID 4)../espi/1_1/resource/Batch/Custom/RetailCustomer/RetailCustomerID -> new API for requesting individual RetailCustomer details using Client Access Token (for offline auths and 2ndary 3Ps)

Category: Other (non-R24) existing SMD data elements

SMD (Existing)	Usage or Billing (either)	Both	Commodity	non-PII	UsagePoint/ServiceCategory/Kind	<ol style="list-style-type: none"> <li>1) ./espi/1_1/resource/Batch/Bulk/BulkID/CorrelationID -&gt; daily subscription job</li> <li>2) ./espi/1_1/resource/Batch/Bulk/BulkID</li> <li>3) ./espi/1_1/resource/Batch/Subscription/SubscriptionID</li> <li>4) ./espi/1_1/resource/Batch/Custom/Subscription/SubscriptionID</li> <li>5) ./espi/1_1/resource/Batch/Subscription/SubscriptionID/UsagePoint/UsagePointID</li> </ol> Usage Information: <ol style="list-style-type: none"> <li>6) ./espi/1_1/resource/Subscription/SubscriptionID/UsagePoint/UsagePointID/MeterReading/MeterReadingID/IntervalBlock</li> <li>7) ./espi/1_1/resource/Subscription/SubscriptionID/UsagePoint/UsagePointID/MeterReading/MeterReadingID/IntervalBlock/IntervalBlockID</li> </ol> Billing Information: <ol style="list-style-type: none"> <li>8) ./espi/1_1/resource/Subscription/SubscriptionID/UsagePoint/UsagePointID/UsageSummary</li> <li>9) ./espi/1_1/resource/Subscription/SubscriptionID/UsagePoint/UsagePointID/UsageSummary/UsageSummaryID</li> </ol>
SMD (Existing)	Any	Both	Local Time Parameters (DST details)	Both	LocalTimeParameters (in both schemas) Where: dstEndRule = B4DE2000 [hexadecimal timestamp] dstOffset = 3600 = 1 hour (in seconds) dstStartRule = 360E2000 dstOffset = -28800 = -8 hours (in seconds) further explanation: <a href="http://osgug.ucalgov.org/HelpDesk/Lists/ServiceRequests/DispForm.aspx?ID=62">http://osgug.ucalgov.org/HelpDesk/Lists/ServiceRequests/DispForm.aspx?ID=62</a> <a href="https://www.google.com/url?sa=t&amp;ct=jq&amp;esrc=s&amp;source=web&amp;cd=1&amp;cad=rja&amp;uact=8&amp;ved=0ahUKEwMjPjNjNVAHVPxGMKMQp:BMnMfGgmM4A&amp;url=https%3A%2F%2Fgithub.com%2Fdata.squarespace.com%2F%2FLocalTimeParameters-Details.docx&amp;usq=AOvVaw2qP22xM7MSNiq27Tl8tYe">https://www.google.com/url?sa=t&amp;ct=jq&amp;esrc=s&amp;source=web&amp;cd=1&amp;cad=rja&amp;uact=8&amp;ved=0ahUKEwMjPjNjNVAHVPxGMKMQp:BMnMfGgmM4A&amp;url=https%3A%2F%2Fgithub.com%2F%2FLocalTimeParameters-Details.docx&amp;usq=AOvVaw2qP22xM7MSNiq27Tl8tYe</a>	<ol style="list-style-type: none"> <li>1) ./espi/1_1/resource/LocalTimeParameters</li> <li>2) ./espi/1_1/resource/LocalTimeParameters/LocalTimeParametersID</li> </ol>
SMD (Existing)	Usage	Both	Default Data Quality (if not specified in IntervalReading/ReadingQuality)	Non-PII	UsagePoint/MeterReading/IntervalBlock/ReadingType/defaultQuality Note: Smart Meter data is defaulted to defaultQuality = 17 = 'Validated' (i.e. data has gone through initial Validation Editing and Estimation process) ReadingType will have an uplink associating it to a specific UsagePoint's MeterReading and IntervalBlock	<ol style="list-style-type: none"> <li>1) ./espi/1_1/resource/Batch/Bulk/BulkID/CorrelationID -&gt; daily subscription job</li> <li>2) ./espi/1_1/resource/Batch/Bulk/BulkID</li> <li>3) ./espi/1_1/resource/Batch/Subscription/SubscriptionID</li> <li>4) ./espi/1_1/resource/Batch/Custom/Subscription/SubscriptionID -&gt; for offline auths &amp; 2ndary 3Ps</li> <li>5) ./espi/1_1/resource/Subscription/SubscriptionID/UsagePoint/UsagePointID</li> <li>6) ./espi/1_1/resource/Subscription/SubscriptionID/UsagePoint/UsagePointID/MeterReading/MeterReadingID</li> </ol> ReadingType will have an uplink associating it to a specific UsagePoint's MeterReading and IntervalBlock
SMD (Existing)	Usage	E	Energy Direction	Non-PII	UsagePoint/MeterReading/IntervalBlock/ReadingType/flowDirection ReadingType will have an uplink associating it to a specific UsagePoint's MeterReading and IntervalBlock	<ol style="list-style-type: none"> <li>1) ./espi/1_1/resource/Batch/Bulk/BulkID/CorrelationID -&gt; daily subscription job</li> <li>2) ./espi/1_1/resource/Batch/Bulk/BulkID</li> <li>3) ./espi/1_1/resource/Batch/Subscription/SubscriptionID</li> <li>4) ./espi/1_1/resource/Batch/Custom/Subscription/SubscriptionID -&gt; for offline auths &amp; 2ndary 3Ps</li> <li>5) ./espi/1_1/resource/Subscription/SubscriptionID/UsagePoint/UsagePointID</li> <li>6) ./espi/1_1/resource/Subscription/SubscriptionID/UsagePoint/UsagePointID/MeterReading/MeterReadingID</li> </ol> ReadingType will have an uplink associating it to a specific UsagePoint's MeterReading and IntervalBlock
SMD (Existing)	Usage	Both	Power of Ten Multiplier (for interval usage values)	Non-PII	UsagePoint/MeterReading/IntervalBlock/ReadingType/powerOfTenMultiplier ReadingType will have an uplink associating it to a specific UsagePoint's MeterReading and IntervalBlock	<ol style="list-style-type: none"> <li>1) ./espi/1_1/resource/Batch/Bulk/BulkID/CorrelationID -&gt; daily subscription job</li> <li>2) ./espi/1_1/resource/Batch/Bulk/BulkID</li> <li>3) ./espi/1_1/resource/Batch/Subscription/SubscriptionID</li> <li>4) ./espi/1_1/resource/Batch/Custom/Subscription/SubscriptionID -&gt; for offline auths &amp; 2ndary 3Ps</li> <li>5) ./espi/1_1/resource/Batch/Subscription/SubscriptionID/UsagePoint/UsagePointID</li> <li>6) ./espi/1_1/resource/Subscription/SubscriptionID/UsagePoint/UsagePointID/MeterReading/MeterReadingID</li> </ol> ReadingType will have an uplink associating it to a specific UsagePoint's MeterReading and IntervalBlock
SMD (Existing)	Billing	Both	Power of Ten Multiplier (for Billed Demand by TOU and Season / TOU Usage by Season / Tiered Usage)	Non-PII	UsagePoint/UsageSummary/costAdditionalDetailLastPeriod/measurement/powerOfTenMultiplier	<ol style="list-style-type: none"> <li>1) ./espi/1_1/resource/Batch/Bulk/BulkID/CorrelationID -&gt; daily subscription job</li> <li>2) ./espi/1_1/resource/Batch/Bulk/BulkID</li> <li>3) ./espi/1_1/resource/Batch/Subscription/SubscriptionID</li> <li>4) ./espi/1_1/resource/Batch/Custom/Subscription/SubscriptionID</li> <li>5) ./espi/1_1/resource/Batch/Subscription/SubscriptionID/UsagePoint/UsagePointID</li> <li>6) ./espi/1_1/resource/Subscription/SubscriptionID/UsagePoint/UsagePointID/UsageSummary</li> <li>7) ./espi/1_1/resource/Subscription/SubscriptionID/UsagePoint/UsagePointID/UsageSummary/UsageSummaryID</li> </ol>
SMD (Existing)	Usage or Billing (either)	Both	Power of Ten Multiplier (for Billed total usage)	Non-PII	UsagePoint/UsageSummary/overallConsumptionLastPeriod/powerOfTenMultiplier	<ol style="list-style-type: none"> <li>1) ./espi/1_1/resource/Batch/Bulk/BulkID/CorrelationID -&gt; daily subscription job</li> <li>2) ./espi/1_1/resource/Batch/Bulk/BulkID</li> <li>3) ./espi/1_1/resource/Batch/Subscription/SubscriptionID</li> <li>4) ./espi/1_1/resource/Batch/Custom/Subscription/SubscriptionID</li> <li>5) ./espi/1_1/resource/Batch/Subscription/SubscriptionID/UsagePoint/UsagePointID</li> <li>6) ./espi/1_1/resource/Subscription/SubscriptionID/UsagePoint/UsagePointID/UsageSummary</li> <li>7) ./espi/1_1/resource/Subscription/SubscriptionID/UsagePoint/UsagePointID/UsageSummary/UsageSummaryID</li> </ol>
SMD (Existing)	Usage	Both	Interval Length (of Usage Reading)	Non-PII	UsagePoint/MeterReading/IntervalBlock/ReadingType/intervalLength and UsagePoint/MeterReading/IntervalBlock/ReadingType/measuringPeriod ReadingType will have an uplink associating it to a specific UsagePoint's MeterReading and IntervalBlock	<ol style="list-style-type: none"> <li>1) ./espi/1_1/resource/Batch/Bulk/BulkID/CorrelationID -&gt; daily subscription job</li> <li>2) ./espi/1_1/resource/Batch/Bulk/BulkID</li> <li>3) ./espi/1_1/resource/Batch/Subscription/SubscriptionID</li> <li>4) ./espi/1_1/resource/Batch/Custom/Subscription/SubscriptionID -&gt; for offline auths &amp; 2ndary 3Ps</li> <li>5) ./espi/1_1/resource/Batch/Subscription/SubscriptionID/UsagePoint/UsagePointID</li> <li>6) ./espi/1_1/resource/Subscription/SubscriptionID/UsagePoint/UsagePointID/MeterReading/MeterReadingID</li> </ol> ReadingType will have an uplink associating it to a specific UsagePoint's MeterReading and IntervalBlock
SMD (Existing)	Billing	Both	Currency of bill total costs	Non-PII	UsagePoint/UsageSummary/currency	<ol style="list-style-type: none"> <li>1) ./espi/1_1/resource/Batch/Bulk/BulkID/CorrelationID -&gt; daily subscription job</li> <li>2) ./espi/1_1/resource/Batch/Bulk/BulkID</li> <li>3) ./espi/1_1/resource/Batch/Subscription/SubscriptionID</li> <li>4) ./espi/1_1/resource/Batch/Custom/Subscription/SubscriptionID</li> <li>5) ./espi/1_1/resource/Batch/Subscription/SubscriptionID/UsagePoint/UsagePointID</li> <li>6) ./espi/1_1/resource/Subscription/SubscriptionID/UsagePoint/UsagePointID/UsageSummary</li> <li>7) ./espi/1_1/resource/Subscription/SubscriptionID/UsagePoint/UsagePointID/UsageSummary/UsageSummaryID</li> </ol>
SMD (Existing)	Usage	E	Electric Interval TOU Indicators	Non-PII	UsagePoint/MeterReading/IntervalBlock/IntervalReading/TimePeriod/TOU in combination with ProgramIDMapping/programIDMapping/TOUorCPPorConsumptionTier, code, name, note	<ol style="list-style-type: none"> <li>1) ./espi/1_1/resource/Batch/Bulk/BulkID/CorrelationID -&gt; daily subscription job</li> <li>2) ./espi/1_1/resource/Batch/Bulk/BulkID</li> <li>3) ./espi/1_1/resource/Batch/Subscription/SubscriptionID</li> <li>4) ./espi/1_1/resource/Batch/Custom/Subscription/SubscriptionID</li> <li>5) ./espi/1_1/resource/Batch/Subscription/SubscriptionID/UsagePoint/UsagePointID</li> <li>6) ./espi/1_1/resource/Subscription/SubscriptionID/UsagePoint/UsagePointID/MeterReading/MeterReadingID/IntervalBlock</li> <li>7) ./espi/1_1/resource/Subscription/SubscriptionID/UsagePoint/UsagePointID/MeterReading/MeterReadingID/IntervalBlock/IntervalBlockID</li> </ol>