

UNITED STATES OF AMERICA  
FEDERAL ENERGY REGULATORY COMMISSION

|   |                        |
|---|------------------------|
| Filing Requirements for El. Utility, S.A.                                       | Docket Nos. RM01-8-000 |
| Electric Market Transparency Provisions of Section 220 of the Federal Power Act | RM10-12-000            |
| Revisions to Electric Quarterly Report Filing Process                           | RM12-3-000             |

ERRATA NOTICE

(March 24, 2014)

On March 10, 2014, the Commission issued an Order Updating Electric Quarterly Report Data Dictionary in the above referenced dockets. *Filing Requirements for El. Utility, S.A.*, 146 FERC ¶ 61,169 (2014). This errata notice serves to correct the issuance date referenced in the order's attachment and to make other corrections to the attachment. Accordingly, the attachment to the order is revised as follows:

1. The third line of the Attachment cover page should read “**Version 3.0 (Issued March 10, 2014)**”.
2. The Value Column of Field Number 57 should read “See Balancing Authority Table Appendix B.”
3. The Value Column of Field Numbers 65 and 68 should read “Number with up to 6 decimals.”
4. The Value Column of Field Numbers 69 and 70 should read “Number with up to 2 decimals.”
5. The Value Column of Field Number 71 should read “FS# (where “#” is an integer)”.
6. Line 45 of the table in Appendix B should contain a check mark in the Outside US\* Column.
7. Line 47 of the table in Appendix B should not contain a check mark in the Outside US\* Column.
8. Appendix C should be titled “**Appendix C. Hub**”.

9. Line 13 of the table in Appendix D should read “NA” in the Time Zone Column.
10. Line 18 of the table in Appendix E should read “FLAT RATE” in the Units Column and “*Flat Rate*” in the Definition Column.
11. Line 8 of Appendix G should be removed.
12. Line 4 of Appendix H should read “NYMEX” in the Exchange/Brokerage Service Column and “*New York Mercantile Exchange*” in the Definition Column.

Nathaniel J. Davis, Sr.,  
Deputy Secretary.

**Attachment**

**Electric Quarterly Report Data Dictionary**

**Version 3.0 (Issued March 10, 2014)**

**EQR Data Dictionary  
ID Data**

| Field # | Field                   | Required | Value  | Definition  |
|---------|-------------------------|----------|--|---|
| 1       | Filer Unique Identifier | ✓        | FS# (where “#” is an integer)  | (Seller) – An identifier (e.g., “FS1”, “FS2”) used to designate a record containing Seller identification information. One record for each seller company must be included in an EQR for a given quarter.               |
| 1       | Filer Unique Identifier | ✓        | FA1  | (Agent) – An identifier (i.e., “FA1”) used to designate a record containing Agent identification information. One record with the FA1 identifier must be included in an EQR for a given quarter.                        |
| 2       | Company Name            | ✓        | Unrestricted text (100 characters)   | (Seller) – The name of the company that is authorized to make sales as indicated in the company's FERC tariff(s) or that is required to file the EQR under section 220 of the Federal Power Act.                        |
| 2       | Company Name            | ✓        | Unrestricted text (100 characters)   | (Agent) – The name of the entity completing the EQR filing. The Agent's Company Name need not be the name of the company under Commission jurisdiction.   |
| 3       | Company Identifier      | ✓        | A 6-digit integer preceded by the letter “C” (or in case of Agent, it may be a 6-digit integer preceded by the letter “D”) | (Seller) – The Company Identifier (CID) obtained through the Commission’s Company Registration system.<br>(Agent) – The CID or Delegate Identifier (DID) obtained through the Commission’s Company Registration system. |
| 4       | Contact Name            | ✓        | “FirstName LastName” or “FirstName MiddleInitial LastName” or “FirstName MiddleName LastName” (50 characters)              | (Seller) – The name of the contact for the company authorized to make sales as indicated in the company's FERC tariff(s) or that is required to file the EQR under section 220 of the Federal Power Act.                |
| 4       | Contact Name            | ✓        | “FirstName LastName” or “FirstName MiddleInitial LastName” or “FirstName MiddleName LastName” (50 characters)              | (Agent) – Name of the person who prepared the filing  |
| 5       | Contact Title           | ✓        | Unrestricted text (50 characters)  | Title of contact identified in Field Number 4.  |
| 6       | Contact Address         | ✓        | Unrestricted text  | Street address for contact identified in Field Number 4.  |
| 7       | Contact City            | ✓        | Unrestricted text (30 characters)  | City for the contact identified in Field Number 4.  |

**EQR Data Dictionary  
ID Data**

| Field # | Field   | Required | Value   | Definition   |
|---------|---|----------|---|--|
| 8       | Contact State                                     | ✓        | Unrestricted text (2 characters)  | Two character state or province abbreviation for the contact identified in Field Number 4.   |
| 9       | Contact Zip                                       | ✓        | Unrestricted text (10 characters)   | Zip code for the contact identified in Field Number 4.   |
| 10      | Contact Country Name                              | ✓        | CA - Canada<br>MX - Mexico<br>US - United States<br>UK - United Kingdom<br>(2 characters) | Country (USA, Canada, Mexico, or United Kingdom) for contact address identified in Field Number 4.   |
| 11      | Contact Phone                                     | ✓        | Unrestricted text (20 characters)   | Phone number of contact identified in Field Number 4.  |
| 12      | Contact E-Mail                                    | ✓        | Unrestricted text (200 characters)  | E-mail address of contact identified in Field Number 4.  |
| 13      | Transactions Reported to Index Price Publisher(s) | ✓        | Y - Yes<br>N - No<br>(1 character)  | Sellers should indicate whether they have reported their sales transactions to index price publisher(s). If they have, Sellers should indicate specifically which index publisher(s) in Field Number 73.   |
| 14      | Filing Quarter                                    | ✓        | YYYYMM  | A six digit reference number used by the EQR system to indicate the quarter and year of the filing. The first 4 numbers represent the year (e.g., 2007). The last 2 numbers represent the last month of the quarter (e.g., 03=1st quarter; 06=2nd quarter, 09=3rd quarter, 12= 4th quarter). |

**EQR Data Dictionary**  
**Contract Data**

| Field # | Field                               | Required        | Value  | Definition   |
|---------|-------------------------------------|-----------------|--|--|
| 15      | Contract Unique ID                  | ✓               | An integer preceded by the letter “C” (only used when importing contract data) | An identifier beginning with the letter “C” and followed by a number (e.g., “C1”, “C2”) used to designate a record containing contract information.  |
| 16      | Seller Company Name                 | ✓               | Unrestricted text (100 characters)   | The name of the company that is authorized to make sales as indicated in the company’s FERC tariff(s) or that is required to file the EQR under section 220 of the Federal Power Act. This name must match the name provided as a Seller’s “Company Name” in Field Number 2 of the ID Data (Seller Data).  |
| 17      | Customer Company Name               | ✓               | Unrestricted text (70 characters)  | The name of the purchaser of contract products and services.   |
| 18      | Contract Affiliate                  | ✓               | Y (Yes)<br>N (No)<br>(1 character)   | The customer is an affiliate if it controls, is controlled by, or is under common control with the seller. This includes a division that operates as a functional unit. A customer of a seller who is an Exempt Wholesale Generator may be defined as an affiliate under the Public Utility Holding Company Act and the FPA.   |
| 19      | FERC Tariff Reference               | ✓               | Unrestricted text (60 characters)  | The FERC tariff reference cites the document that specifies the terms and conditions under which a Seller is authorized to make transmission sales, power sales or sales of related jurisdictional services at cost-based rates or at market-based rates. If the sales are market-based, the tariff that is specified in the FERC order granting the Seller Market Based Rate Authority must be listed. If a non-public utility does not have a FERC Tariff Reference, it should enter “NPU” for the FERC Tariff Reference.  |
| 20      | Contract Service Agreement ID       | ✓               | Unrestricted text (30 characters)  | Unique identifier given to each service agreement that can be used by the Seller to produce the agreement, if requested. The identifier may be the number assigned by FERC for those service agreements that have been filed with and accepted by the Commission, or it may be generated as part of an internal identification system.   |
| 21      | Contract Execution Date             | ✓               | YYYYMMDD   | The date the contract was signed. If the parties signed on different dates, use the most recent date signed.   |
| 22      | Commencement Date of Contract Terms | ✓               | YYYYMMDD   | The date the terms of the contract reported in fields 18, 23 and 25 through 44 (as defined in the data dictionary) became effective. If those terms became effective on multiple dates (i.e., due to one or more amendments), the date to be reported in this field is the date the most recent amendment became effective. If the contract or the most recent reported amendment does not have an effective date, the date when service began pursuant to the contract or most recent reported amendment may be used. If the terms reported in fields 18, 23 and 25 through 44 have not been amended since January 1, 2009, the initial date the contract became effective (or absent an effective date the initial date when service began) may be used. |
| 23      | Contract                            | If specified in | YYYYMMDD   | The date that the contract expires.  |

**EQR Data Dictionary  
Contract Data**

| Field # | Field                           | Required  | Value   | Definition  |
|---------|---------------------------------|---|---|---|
|         | Termination Date                | the contract.<br>If not specified in the contract, field should remain blank.         |   |   |
| 24      | Actual Termination Date         | If contract terminated.<br>If contract has not terminated, field should remain blank. | YYYYMMDD  | The date the contract actually terminates.  |
| 25      | Extension Provision Description | ✓<br>If not specified in contract, enter None or N/A.                                 | Unrestricted text   | Description of terms that provide for the continuation of the contract.   |
| 26      | Class Name                      | ✓   | ---   | See definitions of each class name below.   |
| 26      | Class Name                      | ✓   | F - Firm  | For transmission sales, a service or product that always has priority over non-firm service. For power sales, a service or product that is not interruptible for economic reasons.  |
| 26      | Class Name                      | ✓   | NF - Non-firm   | For transmission sales, a service that is reserved and/or scheduled on an as-available basis and is subject to curtailment or interruption at a lesser priority compared to Firm service. For an energy sale, a service or product for which delivery or receipt of the energy may be interrupted for any reason or no reason, without liability on the part of either the buyer or seller. |
| 26      | Class Name                      | ✓   | UP - Unit Power Sale                                      | Designates a dedicated sale of energy and capacity from one or more than one specified generation unit(s).  |
| 26      | Class Name                      | ✓   | N/A - Not Applicable                                      | To be used only when the other available Class Names do not apply.  |
| 27      | Term Name                       | ✓   | LT - Long Term<br>ST - Short Term<br>N/A - Not Applicable | Contracts with durations of one year or greater are long-term. Contracts with shorter durations are short-term.   |
| 28      | Increment Name                  | ✓   | ---   | See definitions for each increment below.   |

**EQR Data Dictionary**  
**Contract Data**

| Field # | Field                  | Required | Value                      | Definition   |
|---------|------------------------|----------|----------------------------|--|
| 28      | Increment Name         | ✓        | H - Hourly                 | Terms of the contract (if specifically noted in the contract) set for up to 6 consecutive hours ( $\leq 6$ consecutive hours).   |
| 28      | Increment Name         | ✓        | D - Daily                  | Terms of the contract (if specifically noted in the contract) set for more than 6 and up to 60 consecutive hours ( $>6$ and $\leq 60$ consecutive hours).                            |
| 28      | Increment Name         | ✓        | W - Weekly                 | Terms of the contract (if specifically noted in the contract) set for over 60 consecutive hours and up to 168 consecutive hours ( $>60$ and $\leq 168$ consecutive hours).           |
| 28      | Increment Name         | ✓        | M - Monthly                | Terms of the contract (if specifically noted in the contract) set for more than 168 consecutive hours up to, but not including, one year ( $>168$ consecutive hours and $< 1$ year). |
| 28      | Increment Name         | ✓        | Y - Yearly                 | Terms of the contract (if specifically noted in the contract) set for one year or more ( $\geq 1$ year).   |
| 28      | Increment Name         | ✓        | N/A - Not Applicable       | Terms of the contract do not specify an increment.   |
| 29      | Increment Peaking Name | ✓        | ---                        | See definitions for each increment peaking name below.   |
| 29      | Increment Peaking Name | ✓        | FP - Full Period           | The product described may be sold during those hours designated as on-peak and off-peak at the point of delivery.  |
| 29      | Increment Peaking Name | ✓        | OP - Off-Peak              | The product described may be sold only during those hours designated as off-peak at the point of delivery.   |
| 29      | Increment Peaking Name | ✓        | P - Peak                   | The product described may be sold only during those hours designated as on-peak at the point of delivery.  |
| 29      | Increment Peaking Name | ✓        | N/A - Not Applicable       | To be used only when the increment peaking name is not specified in the contract.  |
| 30      | Product Type Name      | ✓        | ---                        | See definitions for each product type below.   |
| 30      | Product Type Name      | ✓        | CB - Cost Based            | Energy or capacity sold under a FERC-approved cost-based rate tariff.  |
| 30      | Product Type Name      | ✓        | CR - Capacity Reassignment | An agreement under which a transmission provider sells, assigns or transfers all or portion of its rights to an eligible customer.   |
| 30      | Product Type Name      | ✓        | MB - Market Based          | Energy or capacity sold under the seller's FERC-approved market-based rate tariff.   |
| 30      | Product Type Name      | ✓        | T - Transmission           | The product is sold under a FERC-approved transmission tariff.   |
| 30      | Product Type Name      | ✓        | NPU – Non-Public Utility   | The product is sold by a non-public utility that is required to file the EQR under section 220 of the Federal Power Act.   |
| 30      | Product Type           | ✓        | Other                      | The product cannot be characterized by the other product type names.   |



**EQR Data Dictionary  
Contract Data**

| Field # | Field Name   | Required  | Value                               | Definition  |
|---------|--------------|---|-------------------------------------|---|
| 31      | Product Name | ✓   | See Product Name Table, Appendix A. | Description of product being offered.                                 |
| 32      | Quantity     | If specified in the contract.<br>If not specified in the contract, field should remain blank.                                 | Number with up to 4 decimals        | Quantity for the contract product identified.                         |
| 33      | Units        | If specified in the contract.<br>If not specified in the contract, field should remain blank.                                 | See Units Table, Appendix E.        | Measure stated in the contract for the product sold.                  |
| 34      | Rate         | One of four rate fields (34, 35, 36, or 37) must be included.<br>If not specified in the contract, field should remain blank. | Number with up to 4 decimals        | The charge for the product per unit as stated in the contract.        |
| 35      | Rate Minimum | One of four rate fields (34, 35, 36, or 37) must be included.<br>If not specified in the contract, field should               | Number with up to 4 decimals        | Minimum rate to be charged per the contract, if a range is specified. |

**EQR Data Dictionary  
Contract Data**

| Field # | Field                                       | Required   | Value  | Definition  |
|---------|---|--|--|---|
|         |   | remain blank.  |  |   |
| 36      | Rate Maximum                                | One of four rate fields (34, 35, 36, or 37) must be included. If not specified in the contract, field should remain blank. | Number with up to 4 decimals   | Maximum rate to be charged per the contract, if a range is specified.   |
| 37      | Rate Description                            | One of four rate fields (34, 35, 36, or 37) must be included   | Unrestricted text (up to 300 characters)   | Text description of rate. If the rate is currently available on the FERC website, a citation of the FERC Accession Number and the relevant FERC tariff including page number or section may be included instead of providing the entire rate algorithm. If the rate is not available on the FERC website, include the rate algorithm, if rate is calculated. If the algorithm would exceed the 300 character field limit, it may be provided in a descriptive summary (including bases and methods of calculations) with a detailed citation of the relevant FERC tariff including page number and section. |
| 38      | Rate Units                                  | If specified in the contract   | See Rate Units Table, Appendix F.  | Measure stated in the contract for the product sold.  |
| 39      | Point of Receipt Balancing Authority(PORBA) | If specified in the contract. If not specified in the contract, this field should remain blank.                            | See Balancing Authority Table Appendix B.  | The registered Balancing Authority (formerly called NERC Control Area) where service begins for a transmission or transmission-related jurisdictional sale. The Balancing Authority will be identified with the abbreviation used in OASIS applications. If receipt occurs at a trading hub, the term "Hub" should be used.   |
| 40      | Point of Receipt Specific Location (PORSL)  | If specified in the contract. If not specified in the contract, this field should  | Unrestricted text (50 characters).<br>If "HUB" is selected for PORBA, see Hub Table, Appendix C. | The specific location at which the product is received if designated in the contract. If receipt occurs at a trading hub, a standardized hub name must be used. If more points of receipt are listed in the contract than can fit into the 50 character space, a description of the collection of points may be used. 'Various,' alone, is unacceptable unless the contract itself uses that terminology.   |

**EQR Data Dictionary  
Contract Data**

| Field # | Field   | Required  | Value  | Definition  |
|---------|---|---|--|---|
|         |   | remain blank.   |  |   |
| 41      | Point of Delivery Balancing Authority(PODB A) | If specified in the contract.<br>If not specified in the contract, field should remain blank. | See Balancing Authority Table Appendix B.  | The registered Balancing Authority (formerly called NERC Control Area) where a jurisdictional product is delivered and/or service ends for a transmission or transmission-related jurisdictional sale. The Balancing Authority will be identified with the abbreviation used in OASIS applications. If delivery occurs at the interconnection of two control areas, the control area that the product is entering should be used. If delivery occurs at a trading hub, the term “Hub” should be used. |
| 42      | Point of Delivery Specific Location (PODSL)   | If specified in the contract.<br>If not specified in the contract, field should remain blank. | Unrestricted text (50 characters).<br>If “HUB” is selected for PODBA, see Hub Table, Appendix C. | The specific location at which the product is delivered if designated in the contract. If receipt occurs at a trading hub, a standardized hub name must be used.  |
| 43      | Begin Date                                    | If specified in the contract.<br>If not specified in the contract, field should remain blank. | YYYYMMDDHHMM   | First date and time for the sale of the product at the rate specified.  |
| 44      | End Date                                      | If specified in the contract.<br>If not specified in the contract, field should remain blank. | YYYYMMDDHHMM   | Last date and time for the sale of the product at the rate specified.   |

**EQR Data Dictionary**  
**Transaction Data**

| Field # | Field                         | Required | Value   | Definition  |
|---------|-------------------------------|----------|---|---|
| 45      | Transaction Unique ID         | ✓        | An integer preceded by the letter "T" (only used when importing transaction data) | An identifier beginning with the letter "T" and followed by a number (e.g., "T1", "T2") used to designate a record containing transaction information. One record for each transaction record must be included in an EQR for a given quarter. A new transaction record must be used every time a price changes in a sale.   |
| 46      | Seller Company Name           | ✓        | Unrestricted text (100 Characters)  | The name of the company that is authorized to make sales as indicated in the company's FERC tariff(s) or that is required to file the EQR under section 220 of the Federal Power Act. This name must match the name provided as a Seller's "Company Name" in Field 2 of the ID Data (Seller Data).  |
| 47      | Customer Company Name         | ✓        | Unrestricted text (70 Characters)   | The name of the purchaser of contract products and services.  |
| 48      | FERC Tariff Reference         | ✓        | Unrestricted text (60 Characters)   | The FERC tariff reference cites the document that specifies the terms and conditions under which a Seller is authorized to make transmission sales, power sales or sales of related jurisdictional services at cost-based rates or at market-based rates. If the sales are market-based, the tariff that is specified in the FERC order granting the Seller Market Based Rate Authority must be listed. If a non-public utility does not have a FERC Tariff Reference, it should enter "NPU" for the FERC Tariff Reference. |
| 49      | Contract Service Agreement ID | ✓        | Unrestricted text (30 Characters)   | Unique identifier given to each service agreement that can be used by the Seller to produce the agreement, if requested. The identifier may be the number assigned by FERC for those service agreements that have been filed and approved by the Commission, or it may be generated as part of an internal identification system.   |
| 50      | Transaction Unique Identifier | ✓        | Unrestricted text (24 Characters)   | Unique reference number assigned by the Seller for each transaction.  |
| 51      | Transaction Begin Date        | ✓        | YYYYMMDDHHMM  | First date and time the product is sold during the quarter.   |
| 52      | Transaction End Date          | ✓        | YYYYMMDDHHMM  | Last date and time the product is sold during the quarter.  |
| 53      | Trade Date                    | ✓        | YYYYMMDD  | The date upon which the parties made the legally binding agreement on the price of a transaction.   |
| 54      | Exchange/Brokerage Service    |          | See Exchange/Brokerage Service Table, Appendix H.                                 | If a broker service is used to consummate or effectuate a transaction, the term "Broker" shall be provided. If an exchange is used, the specific exchange that is used shall be selected from the Commission-provided list.   |
| 55      | Type of Rate                  | ✓        | ---   | See type of rate definitions below.   |
| 55      | Type of Rate                  | ✓        | Fixed   | A fixed charge per unit of consumption. No variables are used to determine this rate.   |
| 55      | Type of Rate                  | ✓        | Formula   | A calculation of a rate based upon a formula that does not contain an electric index  |

**EQR Data Dictionary**  
**Transaction Data**

| Field # | Field   | Required | Value   | Definition  |
|---------|---|----------|---|---|
|         |   |          |   | component.  |
| 55      | Type of Rate                                  | ✓        | Electric Index  | A calculation of a rate based upon an index or a formula that contains an electric index component. An electric index includes an index published by an index publisher such as those required to be listed in Field Number 73 or a price published by an RTO/ISO (e.g., PJM West or Illinois Hub). |
| 55      | Type of Rate                                  | ✓        | RTO/ISO   | If the price is the result of an RTO/ISO market or the sale is made to the RTO/ISO.   |
| 56      | Time Zone                                     | ✓        | See Time Zone Table, Appendix D.  | The time zone in which the sale was made .  |
| 57      | Point of Delivery Balancing Authority (PODBA) | ✓        | See Balancing Authority Table Appendix B.   | The registered Balancing Authority (formerly called NERC Control Area) abbreviation used in OASIS applications.   |
| 58      | Point of Delivery Specific Location (PODSL)   | ✓        | Unrestricted text (50 characters). If "HUB" is selected for PODBA, see Hub Table, Appendix C. | The specific location at which the product is delivered. If receipt occurs at a trading hub, a standardized hub name must be used.  |
| 59      | Class Name                                    | ✓        | ---   | See class name definitions below.   |
| 59      | Class Name                                    | ✓        | F - Firm  | A sale, service or product that is not interruptible for economic reasons.  |
| 59      | Class Name                                    | ✓        | NF - Non-firm   | A sale for which delivery or receipt of the energy may be interrupted for any reason or no reason, without liability on the part of either the buyer or seller.   |
| 59      | Class Name                                    | ✓        | UP - Unit Power Sale  | Designates a dedicated sale of energy and capacity from one or more than one specified generation unit(s).  |
| 59      | Class Name                                    | ✓        | BA - Billing Adjustment   | Designates an incremental material change to one or more transactions due to a change in settlement results. "BA" may be used in a refiling after the next quarter's filing is due to reflect the receipt of new information. It may not be used to correct an inaccurate filing.                   |
| 59      | Class Name                                    | ✓        | N/A - Not Applicable  | To be used only when the other available class names do not apply.  |
| 60      | Term Name                                     | ✓        | LT - Long Term<br>ST - Short Term<br>N/A - Not Applicable                                     | Power sales transactions with durations of one year or greater are long-term. Transactions with shorter durations are short-term.   |
| 61      | Increment Name                                | ✓        | ---   | See increment name definitions below.   |
| 61      | Increment Name                                | ✓        | H - Hourly  | Terms of the particular sale set for up to 6 consecutive hours ( $\leq 6$ consecutive hours) Includes LMP based sales in ISO/RTO markets.   |
| 61      | Increment Name                                | ✓        | D - Daily   | Terms of the particular sale set for more than 6 and up to 60 consecutive hours ( $>6$ and $\leq 60$ consecutive hours). Includes sales over a peak or off-peak block during a single day.  |
| 61      | Increment Name                                | ✓        | W - Weekly  | Terms of the particular sale set for over 60 consecutive hours and up to 168 consecutive  |

**EQR Data Dictionary**  
**Transaction Data**

| Field # | Field                     | Required                | Value                                | Definition   |
|---------|---------------------------|-------------------------|--------------------------------------|--|
|         |                           |                         |                                      | hours (>60 and ≤ 168 consecutive hours). Includes sales for a full week and sales for peak and off-peak blocks over a particular week.   |
| 61      | Increment Name            | ✓                       | M - Monthly                          | Terms of the particular sale set for set for more than 168 consecutive hours up to, but not including, one year (>168 consecutive hours and < 1 year). Includes sales for full month or multi-week sales during a given month. |
| 61      | Increment Name            | ✓                       | Y - Yearly                           | Terms of the particular sale set for one year or more (≥ 1 year). Includes all long-term contracts with defined pricing terms (fixed-price, formula, or index).  |
| 61      | Increment Name            | ✓                       | N/A - Not Applicable                 | To be used only when other available increment names do not apply.   |
| 62      | Increment Peaking Name    | ✓                       | ---                                  | See definitions for increment peaking below.   |
| 62      | Increment Peaking Name    | ✓                       | FP - Full Period                     | The product described was sold during Peak and Off-Peak hours.   |
| 62      | Increment Peaking Name    | ✓                       | OP - Off-Peak                        | The product described was sold only during those hours designated as off-peak at the point of delivery.  |
| 62      | Increment Peaking Name    | ✓                       | P - Peak                             | The product described was sold only during those hours designated as on-peak at the point of delivery.   |
| 62      | Increment Peaking Name    | ✓                       | N/A - Not Applicable                 | To be used only when the other available increment peaking names do not apply.   |
| 63      | Product Name              | ✓                       | See Product Names Table, Appendix A. | Description of product being offered.  |
| 64      | Transaction Quantity      | ✓                       | Number with up to 4 decimals.        | The quantity of the product in this transaction record.  |
| 65      | Price                     | ✓                       | Number with up to 6 decimals.        | Actual price charged for the product per unit. The price reported cannot be averaged or otherwise aggregated   |
| 66      | Rate Units                | ✓                       | See Rate Units Table, Appendix F     | Measure appropriate to the price of the product sold.  |
| 67      | Standardized Quantity     | ✓                       | Number with up to 4 decimals.        | For product names energy, capacity, and booked out power only. Specify the quantity in MWh if the product is energy or booked out power and specify the quantity in MW-month if the product is capacity or booked out power    |
| 68      | Standardized Price        | ✓                       | Number with up to 6 decimals.        | For product names energy, capacity, and booked out power only. Specify the price in \$/MWh if the product is energy or booked out power and specify the price in \$/MW-month if the product is capacity or booked out power.   |
| 69      | Total Transmission Charge | ✓<br>If no transmission | Number with up to 2 decimals.        | Payments received for transmission services when explicitly identified.  |

**EQR Data Dictionary  
Transaction Data**

| <b>Field #</b> | <b>Field</b>             | <b>Required</b>               | <b>Value</b>                 | <b>Definition</b>   |
|----------------|--------------------------|-------------------------------|------------------------------|---|
|                |                          | charge to report, enter zero. |                              |   |
| 70             | Total Transaction Charge | ✓                             | Number with up to 2 decimals | Transaction Quantity (Field 64) times Price (Field 65) plus Total Transmission Charge (Field 69). |

**EQR Data Dictionary  
Index Reporting Data**

| <b>Field #</b> | <b>Field</b>  | <b>Required</b>    | <b>Value</b>                                 | <b>Definition</b>   |
|----------------|---|--------------------|--|---|
| 71             | Filer Unique Identifier   | ✓ If Field 13 is Y | FS# (where “#” is an integer)                | The “FS” seller number from the ID Data table corresponding to the index reporting company.   |
| 72             | Seller Company Name   | ✓ If Field 13 is Y | Unrestricted text (100 characters)           | The name of the company that is authorized to make sales as indicated in the company’s FERC tariff(s) or that is required to file the EQR under section 220 of the Federal Power Act. This name must match the name provided as a Seller’s “Company Name” in Field Number 2 of the ID Data (Seller Data). |
| 73             | Index Price Publisher(s) To Which Sales Transactions Have Been Reported | ✓ If Field 13 is Y | See Index Price Publisher Table, Appendix G. | The index price publisher(s) to which sales transactions have been reported.  |
| 74             | Transactions Reported   | ✓ If Field 13 is Y | Unrestricted text (100 characters)           | Description of the types of transactions reported to the index publisher identified in this record.   |



**EQR Data Dictionary**

| <b>Field #</b> | <b>Field</b>                  | <b>Required</b>   | <b>Value</b>                                     | <b>Definition</b>  |
|----------------|-------------------------------|---|--|--|
| 75             | e-Tag ID                      | If an e-Tag ID was used to schedule the EQR transaction | Unrestricted text (30 Characters)                | The e-Tag ID contains: The Source Balancing Authority where the generation is located; The Purchasing-Selling Balancing Authority Entity Code; the e-Tag Code; and the Sink Balancing Authority.   |
| 76             | e-Tag Begin Date              | If an e-Tag ID was used to schedule the EQR transaction | YYYYMMDD (csv import)<br>MMDDYYYY (manual entry) | The first date the transaction is scheduled using the e-Tag ID reported in Field Number 75. Begin Date must not be before the Transaction Begin Date specified in Field Number 51 and must be reported in the same time zone specified in Field Number 56. |
| 77             | e-Tag End Date                | If an e-Tag ID was used to schedule the EQR transaction | YYYYMMDD (csv import)<br>MMDDYYYY (manual entry) | The last date the transaction is scheduled using the e-Tag ID reported in Field Number 75. End Date must not be after the Transaction End Date specified in Field Number 52 and must be reported in the same time zone specified in Field Number 56.       |
| 78             | Transaction Unique Identifier | If an e-Tag ID was used to schedule the EQR transaction | Unrestricted text (24 Characters)                | Unique reference number assigned by the seller for each transaction that must be the same as reported in Field Number 50.  |

\*\*Compliance with e-Tag Data requirement has been delayed. See *Electricity Market Transparency Provisions of Section 220 of the Federal Power Act*, 142 FERC ¶ 61,105 (2013).

**EQR Data Dictionary****Appendix A. Product Names**

| <b>Product Name</b>                 | <b>Contract Product</b> | <b>Transaction Product</b> | <b>Definition</b>  |
|-------------------------------------|-------------------------|----------------------------|--|
| BLACK START SERVICE                 | ✓                       | ✓                          | Service available after a system -wide blackout where a generator participates in system restoration activities without the availability of an outside electric supply (Ancillary Service).  |
| BOOKED OUT POWER                    |                         | ✓                          | Energy or capacity contractually committed bilaterally for delivery but not actually delivered due to some offsetting or countervailing trade (Transaction only).  |
| CAPACITY                            | ✓                       | ✓                          | A quantity of demand that is charged on a \$/KW or \$/MW basis.  |
| CUSTOMER CHARGE                     | ✓                       | ✓                          | Fixed contractual charges assessed on a per customer basis that could include billing service.   |
| DIRECT ASSIGNMENT FACILITIES CHARGE | ✓                       |                            | Charges for facilities or portions of facilities that are constructed or used for the sole use/benefit of a particular customer.   |
| EMERGENCY ENERGY                    | ✓                       |                            | Contractual provisions to supply energy or capacity to another entity during critical situations.  |
| ENERGY                              | ✓                       | ✓                          | A quantity of electricity that is sold or transmitted over a period of time.   |
| ENERGY IMBALANCE                    | ✓                       | ✓                          | Service provided when a difference occurs between the scheduled and the actual delivery of energy to a load obligation (Ancillary Service). For Contracts, reported if the contract provides for sale of the product. For Transactions, sales by third-party providers (i.e., non-transmission function) are reported.   |
| EXCHANGE                            | ✓                       | ✓                          | Transaction whereby the receiver accepts delivery of energy for a supplier's account and returns energy at times, rates, and in amounts as mutually agreed if the receiver is not an RTO/ISO.  |
| FUEL CHARGE                         | ✓                       | ✓                          | Charge based on the cost or amount of fuel used for generation.  |
| GENERATOR IMBALANCE                 | ✓                       | ✓                          | Service provided when a difference occurs between the output of a generator located in the Transmission Provider's Control Area and a delivery schedule from that generator to (1) another Control Area or (2) a load within the Transmission Provider's Control Area over a single hour (Ancillary Service). For Contracts, reported if the contract provides for sale of the product. For Transactions, sales by third-party providers (i.e., non-transmission function) are reported. |

## EQR Data Dictionary

### Appendix A. Product Names

| Product Name                      | Contract Product | Transaction Product | Definition   |
|-----------------------------------|------------------|---------------------|--|
| GRANDFATHERED BUNDLED             | ✓                | ✓                   | Services provided for bundled transmission, ancillary services and energy under contracts effective prior to Order No. 888's OATTs.  |
| INTERCONNECTION AGREEMENT         | ✓                |                     | Contract that provides the terms and conditions for a generator, distribution system owner, transmission owner, transmission provider, or transmission system to physically connect to a transmission system or distribution system.   |
| MEMBERSHIP AGREEMENT              | ✓                |                     | Agreement to participate and be subject to rules of a system operator.   |
| MUST RUN AGREEMENT                | ✓                |                     | An agreement that requires a unit to run.  |
| NEGOTIATED-RATE TRANSMISSION      | ✓                | ✓                   | Transmission performed under a negotiated rate contract (applies only to merchant transmission companies).   |
| NETWORK                           | ✓                |                     | Transmission service under contract providing network service.   |
| NETWORK OPERATING AGREEMENT       | ✓                |                     | An executed agreement that contains the terms and conditions under which a network customer operates its facilities and the technical and operational matters associated with the implementation of network integration transmission service.  |
| OTHER                             | ✓                | ✓                   | Product name not otherwise included.   |
| POINT-TO-POINT AGREEMENT          | ✓                |                     | Transmission service under contract between specified Points of Receipt and Delivery.  |
| REACTIVE SUPPLY & VOLTAGE CONTROL | ✓                | ✓                   | Production or absorption of reactive power to maintain voltage levels on transmission systems (Ancillary Service).   |
| REAL POWER TRANSMISSION LOSS      | ✓                | ✓                   | The loss of energy, resulting from transporting power over a transmission system.  |
| REASSIGNMENT AGREEMENT            | ✓                |                     | Transmission capacity reassignment agreement.  |
| REGULATION & FREQUENCY RESPONSE   | ✓                | ✓                   | Service providing for continuous balancing of resources (generation and interchange) with load, and for maintaining scheduled interconnection frequency by committing on-line generation where output is raised or lowered and by other non-generation resources capable of providing this service as necessary to follow the moment-by-moment changes in load (Ancillary Service). For Contracts, reported if the contract provides for sale of the product. For Transactions, sales by third-party providers (i.e., non-transmission function) are reported. |

## EQR Data Dictionary

### Appendix A. Product Names

| Product Name                       | Contract Product | Transaction Product | Definition   |
|------------------------------------|------------------|---------------------|--|
| REQUIREMENTS SERVICE               | ✓                | ✓                   | Firm, load-following power supply necessary to serve a specified share of customer's aggregate load during the term of the agreement. Requirements service may include some or all of the energy, capacity and ancillary service products. (If the components of the requirements service are priced separately, they should be reported separately in the transactions tab.)  |
| SCHEDULE SYSTEM CONTROL & DISPATCH | ✓                | ✓                   | Scheduling, confirming and implementing an interchange schedule with other Balancing Authorities, including intermediary Balancing Authorities providing transmission service, and ensuring operational security during the interchange transaction (Ancillary Service).   |
| SPINNING RESERVE                   | ✓                | ✓                   | Unloaded synchronized generating capacity that is immediately responsive to system frequency and that is capable of being loaded in a short time period or non-generation resources capable of providing this service (Ancillary Service). For Contracts, reported if the contract provides for sale of the product. For Transactions, sales by third-party providers (i.e., non-transmission function) are reported.  |
| SUPPLEMENTAL RESERVE               | ✓                | ✓                   | Service needed to serve load in the event of a system contingency, available with greater delay than SPINNING RESERVE. This service may be provided by generating units that are on-line but unloaded, by quick-start generation, or by interruptible load or other non-generation resources capable of providing this service (Ancillary Service). For Contracts, reported if the contract provides for sale of the product. For Transactions, sales by third-party providers (i.e., non-transmission function) are reported. |
| SYSTEM OPERATING AGREEMENTS        | ✓                |                     | An executed agreement that contains the terms and conditions under which a system or network customer shall operate its facilities and the technical and operational matters associated with the implementation of network.  |
| TOLLING ENERGY                     | ✓                | ✓                   | Energy sold from a plant whereby the buyer provides fuel to a generator (seller) and receives power in return for pre-established fees.  |
| TRANSMISSION OWNERS AGREEMENT      | ✓                |                     | The agreement that establishes the terms and conditions under which a transmission owner transfers operational control over designated transmission facilities.  |
| UPLIFT                             | ✓                | ✓                   | A make-whole payment by an RTO/ISO to a utility.   |

## EQR Data Dictionary

### Appendix B. Balancing Authority\*

| Balancing Authority                           | Abbreviation | Outside US* |
|---|--------------|-------------|
| AEP Service Corp. -- Transmission System      | AEP          |             |
| AESC, LLC - AEBN                              | AEBN         |             |
| AESC, LLC - Gleason                           | AEGL         |             |
| AESC, LLC - Lincoln Center                    | AELC         |             |
| AESC, LLC - Wheatland CIN                     | AEWC         |             |
| AESC, LLC - Wheatland IPL                     | AEWI         |             |
| Alabama Electric Cooperative, Inc.            | AEC          |             |
| Alberta Electric System Operator              | AESO         | ✓           |
| Alliant Energy Corporate Services, LLC        | ALEX         |             |
| Alliant Energy Corporate Services, LLC        | ALWX         |             |
| Alliant Energy Corporate Services, LLC - East | ALTE         |             |
| Alliant Energy Corporate Services, LLC- West  | ALTW         |             |
| Ameren Transmission                           | AMRN         |             |
| Ameren Transmission-Illinois                  | AMIL         |             |
| Ameren Transmission-Missouri                  | AMMO         |             |
| American Transmission Systems, Inc.           | FE           |             |
| Aquila Networks - Kansas                      | WPEK         |             |
| Aquila Networks - Missouri Public Service     | MPS          |             |
| Aquila Networks - West Plains Dispatch        | WPEC         |             |
| Arizona Public Service Company                | AZPS         |             |
| Associated Electric Cooperative, Inc.         | AECI         |             |
| Avista Corp.                                  | AVA          |             |
| B.C. Hydro & Power Authority                  | BCHA         | ✓           |
| Batesville Balancing Authority                | BBA          |             |
| Batesville Control Area                       | BCA          |             |
| BC Hydro T & D - Grid Operations              | BCHA         | ✓           |
| Big Rivers Electric Corp.                     | BREC         |             |
| Board of Public Utilities                     | KACY         |             |
| Bonneville Power Administration Transmission  | BPAT         |             |
| BridgeCo                                      | DSK1         |             |
| British Columbia Transmission Corporation     | BCTC         | ✓           |
| California Independent System Operator        | CISO         |             |
| Carolina Power & Light Company - CPLW         | CPLW         |             |
| Carolina Power and Light Company - East       | CPLE         |             |
| Central and Southwest                         | CSWS         |             |
| Central Illinois Light Co                     | CILC         |             |
| Chelan County PUD                             | CHPD         |             |

**EQR Data Dictionary**

| <b>Balancing Authority</b>   | <b>Abbreviation</b> | <b>Outside US*</b> |
|--|---------------------|--------------------|
| Cinergy Corporation  | CIN                 |                    |
| City of Homestead  | HST                 |                    |
| City of Independence P&L Dept.   | INDN                |                    |
| City of Tallahassee  | TAL                 |                    |
| City Water Light & Power   | CWLP                |                    |
| Cleco Power LLC  | CLEC                |                    |
| Columbia Water & Light   | CWLD                |                    |
| Comision Federal de Electricidad                                       | CFE                 | ✓                  |
| Comision Federal de Electricidad                                       | CFEN                | ✓                  |
| Commonwealth Edison  | CE                  |                    |
| Constellation Energy Control and Dispatch                              | GRIF                |                    |
| Constellation Energy Control and Dispatch - Arkansas                   | PUPP                |                    |
| Constellation Energy Control and Dispatch - City of Benton, Arkansas   | BUBA                |                    |
| Constellation Energy Control and Dispatch - City of Ruston, LA         | DERS                |                    |
| Constellation Energy Control and Dispatch - Conway, Arkansas           | CNWY                |                    |
| Constellation Energy Control and Dispatch - Gila River                 | GRMA                |                    |
| Constellation Energy Control and Dispatch - Glacier Wind Energy        | GWA                 |                    |
| Constellation Energy Control and Dispatch - Harquehala                 | HGMA                |                    |
| Constellation Energy Control and Dispatch - North Little Rock, AK      | DENL                |                    |
| Constellation Energy Control and Dispatch - Osceola Municipal Light an | OMLP                |                    |
| Constellation Energy Control and Dispatch - Plum Point                 | PLUM                |                    |
| Constellation Energy Control and Dispatch - Vermillion                 | DEVI                |                    |
| Constellation Energy Control and Dispatch - West Memphis, Arkansas     | WMUC                |                    |
| Dairyland Power Cooperative  | DPC                 |                    |
| Dayton Power & Light   | DPL                 |                    |
| DECA, LLC  | BERC                |                    |
| DECA, LLC  | DEHA                |                    |
| DECA, LLC  | DELO                |                    |
| DECA, LLC  | DEMG                |                    |
| DECA, LLC  | DESM                |                    |
| DECA, LLC - Arlington Valley   | DEAA                |                    |
| DECA, LLC - Enterprise   | DEEM                |                    |
| DECA, LLC - Lee  | DELI                |                    |
| DECA, LLC - Murray   | DEMT                |                    |
| DECA, LLC - Sandersville   | DESG                |                    |
| DECA, LLC - Washington   | DEWO                |                    |
| Dominion Virginia Power  | VAP                 |                    |
| Duke Energy Corporation  | DUK                 |                    |
| Duquesne Light   | DLCO                |                    |

**EQR Data Dictionary**

| <b>Balancing Authority</b>                       | <b>Abbreviation</b> | <b>Outside US*</b> |
|--|---------------------|--------------------|
| East Kentucky Power Cooperative, Inc.            | EKPC                |                    |
| El Paso Electric                                 | EPE                 |                    |
| Electric Energy, Inc.                            | EEI                 |                    |
| Empire District Electric Co., The                | EDE                 |                    |
| Entergy  | EES                 |                    |
| ERCOT ISO  | ERCO                |                    |
| Florida Municipal Power Pool                     | FMPP                |                    |
| Florida Power & Light                            | FPL                 |                    |
| Florida Power Corporation                        | FPC                 |                    |
| Gainsville Regional Utilities                    | GVL                 |                    |
| Georgia System Operations Corporation            | GSOC                |                    |
| Georgia Transmission Corporation                 | GTC                 |                    |
| Grand River Dam Authority                        | GRDA                |                    |
| Grant County PUD No.2                            | GCPD                |                    |
| Great River Energy                               | GRE                 |                    |
| Great River Energy                               | GREC                |                    |
| Great River Energy                               | GREN                |                    |
| Great River Energy                               | GRES                |                    |
| GridAmerica                                      | GA                  |                    |
| Hoosier Energy                                   | HE                  |                    |
| Hydro-Quebec, TransEnergie                       | HQT                 | ✓                  |
| Idaho Power Company                              | IPCO                |                    |
| Illinois Power Co.                               | IP                  |                    |
| Illinois Power Co.                               | IPRV                |                    |
| Imperial Irrigation District                     | IID                 |                    |
| Indianapolis Power & Light Company               | IPL                 |                    |
| ISO New England Inc.                             | ISNE                |                    |
| JEA  | JEA                 |                    |
| Kansas City Power & Light, Co                    | KCPL                |                    |
| Lafayette Utilities System                       | LAFA                |                    |
| LG&E Energy Transmission Services                | LGEE                |                    |
| Lincoln Electric System                          | LES                 |                    |
| Los Angeles Department of Water and Power        | LDWP                |                    |
| Louisiana Energy & Power Authority               | LEPA                |                    |
| Louisiana Generating, LLC                        | LAGN                |                    |
| Louisiana Generating, LLC - City of Conway       | CWAY                |                    |
| Louisiana Generating, LLC - City of West Memphis | WMU                 |                    |
| Louisiana Generating, LLC - North Little Rock    | NLR                 |                    |
| Madison Gas and Electric Company                 | MGE                 |                    |

**EQR Data Dictionary**

| <b>Balancing Authority</b>                        | <b>Abbreviation</b> | <b>Outside US*</b> |
|---|---------------------|--------------------|
| MHEB, Transmission Services                       | MHEB                | ✓                  |
| Michigan Electric Coordinated System              | MECS                |                    |
| Michigan Electric Coordinated System - CONS       | CONS                |                    |
| Michigan Electric Coordinated System - DECO       | DECO                |                    |
| MidAmerican Energy Company                        | MEC                 |                    |
| Midwest ISO                                       | MISO                |                    |
| Minnesota Power, Inc.                             | MP                  |                    |
| Montana-Dakota Utilities Co.                      | MDU                 |                    |
| Muscatine Power and Water                         | MPW                 |                    |
| Nebraska Public Power District                    | NPPD                |                    |
| Nevada Power Company                              | NEVP                |                    |
| New Brunswick Power Corporation                   | NBPC                | ✓                  |
| New Brunswick System Operator                     | NBSO                | ✓                  |
| New Horizons Electric Cooperative                 | NHC1                |                    |
| New York Independent System Operator              | NYIS                |                    |
| North American Electric Reliability Council       | TEST                |                    |
| Northern Indiana Public Service Company           | NIPS                |                    |
| Northern States Power Company                     | NSP                 |                    |
| NorthWestern Energy                               | NWMT                |                    |
| NRG South Central Generating LLC                  | MCLN                |                    |
| Ohio Valley Electric Corporation                  | OVEC                |                    |
| Oklahoma Gas and Electric                         | OKGE                |                    |
| Ontario - Independent Electricity Market Operator | IMO                 | ✓                  |
| Ontario - Independent Electricity System Operator | ONT                 | ✓                  |
| OPPD CA/TP  | OPPD                |                    |
| Otter Tail Power Company                          | OTP                 |                    |
| P.U.D. No. 1 of Douglas County                    | DOPD                |                    |
| PacifiCorp-East                                   | PACE                |                    |
| PacifiCorp-West                                   | PACW                |                    |
| PJM Interconnection                               | PJM                 |                    |
| Portland General Electric                         | PGE                 |                    |
| Public Service Company of Colorado                | PSCO                |                    |
| Public Service Company of New Mexico              | PNM                 |                    |
| Puget Sound Energy Transmission                   | PSEI                |                    |
| Reedy Creek Improvement District                  | RC                  |                    |
| Sacramento Municipal Utility District             | SMUD                |                    |
| Salt River Project                                | SRP                 |                    |
| Santee Cooper                                     | SC                  |                    |
| SaskPower Grid Control Centre                     | SPC                 | ✓                  |



**EQR Data Dictionary**

| <b>Balancing Authority</b>                                  | <b>Abbreviation</b> | <b>Outside US*</b> |
|---|---------------------|--------------------|
| Seattle City Light  | SCL                 |                    |
| Seminole Electric Cooperative                               | SEC                 |                    |
| Sierra Pacific Power Co. - Transmission                     | SPPC                |                    |
| South Carolina Electric & Gas Company                       | SCEG                |                    |
| South Mississippi Electric Power Association                | SME                 |                    |
| South Mississippi Electric Power Association                | SMEE                |                    |
| Southeastern Power Administration - Hartwell                | SEHA                |                    |
| Southeastern Power Administration - Russell                 | SERU                |                    |
| Southeastern Power Administration - Thurmond                | SETH                |                    |
| Southern Company Services, Inc.                             | SOCO                |                    |
| Southern Illinois Power Cooperative                         | SIPC                |                    |
| Southern Indiana Gas & Electric Co.                         | SIGE                |                    |
| Southern Minnesota Municipal Power Agency                   | SMP                 |                    |
| Southwest Power Pool  | SWPP                |                    |
| Southwestern Power Administration                           | SPA                 |                    |
| Southwestern Public Service Company                         | SPS                 |                    |
| Sunflower Electric Power Corporation                        | SECI                |                    |
| Tacoma Power  | TPWR                |                    |
| Tampa Electric Company                                      | TEC                 |                    |
| Tennessee Valley Authority ESO                              | TVA                 |                    |
| Trading Hub   | HUB                 |                    |
| TRANSLink Management Company                                | TLKN                |                    |
| Tucson Electric Power Company                               | TEPC                |                    |
| Turlock Irrigation District                                 | TIDC                |                    |
| Upper Peninsula Power Co.                                   | UPPC                |                    |
| Utilities Commission, City of New Smyrna Beach              | NSB                 |                    |
| Westar Energy - MoPEP Cities                                | MOWR                |                    |
| Western Area Power Administration - Colorado-Missouri       | WACM                |                    |
| Western Area Power Administration - Lower Colorado          | WALC                |                    |
| Western Area Power Administration - Upper Great Plains East | WAUE                |                    |
| Western Area Power Administration - Upper Great Plains West | WAUW                |                    |
| Western Farmers Electric Cooperative                        | WFEC                |                    |
| Western Resources dba Westar Energy                         | WR                  |                    |
| Wisconsin Energy Corporation                                | WEC                 |                    |
| Wisconsin Public Service Corporation                        | WPS                 |                    |
| Yadkin, Inc.  | YAD                 |                    |

\* Balancing Authorities outside the United States may only be used in the contract data section to identify specified receipt/delivery points in jurisdictional transmission contracts.

**EQR Data Dictionary****Appendix C. Hub**

| <b>HUB</b>           | <b>Definition</b>  |
|----------------------|--|
| ADHUB                | The aggregated Locational Marginal Price (“LMP”) nodes defined by PJM Interconnection, LLC as the AEP/Dayton Hub.  |
| AEPGenHub            | The aggregated Locational Marginal Price (“LMP”) nodes defined by PJM Interconnection, LLC as the AEPGenHub.   |
| COB                  | The set of delivery points along the California-Oregon commonly identified as and agreed to by the counterparties to constitute the COB Hub.                           |
| Cinergy (into)       | The set of delivery points commonly identified as and agreed to by the counterparties to constitute delivery into the Cinergy balancing authority.                     |
| Entergy (into)       | The set of delivery points commonly identified as and agreed to by the counterparties to constitute delivery into the Entergy balancing authority                      |
| FE Hub               | The aggregated Elemental Pricing nodes (“Epnodes”) defined by the Midwest Independent Transmission System Operator, Inc., as FE Hub (MISO).                            |
| Four Corners         | The set of delivery points at the Four Corners power plant commonly identified as and agreed to by the counterparties to constitute the Four Corners Hub.              |
| Illinois Hub (MISO)  | The aggregated Elemental Pricing nodes (“Epnodes”) defined by the Midwest Independent Transmission System Operator, Inc., as Illinois Hub (MISO).                      |
| Indiana Hub (MISO)   | The aggregated Elemental Pricing nodes (“Epnodes”) defined by the Midwest Independent Transmission System Operator, Inc., as Indiana Hub (MISO).                       |
| Mead                 | The set of delivery points at or near Hoover Dam commonly identified as and agreed to by the counterparties to constitute the Mead Hub.                                |
| Michigan Hub (MISO)  | The aggregated Elemental Pricing nodes (“Epnodes”) defined by the Midwest Independent Transmission System Operator, Inc., as Michigan Hub (MISO).                      |
| Mid-Columbia (Mid-C) | The set of delivery points along the Columbia River commonly identified as and agreed to by the counterparties to constitute the Mid-Columbia Hub                      |
| Minnesota Hub (MISO) | The aggregated Elemental Pricing nodes (“Epnodes”) defined by the Midwest IndependentTransmission System Operator, Inc., as Minnesota Hub (MISO).                      |
| NEPOOL (Mass Hub)    | The aggregated Locational Marginal Price (“LMP”) nodes defined by ISO New England Inc., as Mass Hub  |
| NIHUB                | The aggregated Locational Marginal Price (“LMP”) nodes defined by PJM Interconnection, LLC as the Northern Illinois Hub.   |
| NOB                  | The set of delivery points along the Nevada-Oregon border commonly identified as and agreed to by the counterparties to constitute the NOB Hub.                        |
| NP15                 | The set of delivery points north of Path 15 on the California transmission grid commonly identified as and agreed to by the counterparties to constitute the NP15 Hub. |
| NWMT                 | The set of delivery points commonly identified as and agreed to by the counterparties to constitute delivery into the Northwestern Energy Montana balancing authority. |

**EQR Data Dictionary****Appendix C. Hub**

| <b>HUB</b>    | <b>Definition</b>   |
|---------------|---|
| PJM East Hub  | The aggregated Locational Marginal Price nodes (“LMP”) defined by PJM Interconnection, LLC as the PJM East Hub.   |
| PJM South Hub | The aggregated Locational Marginal Price (“LMP”) nodes defined by PJM Interconnection, LLC as the PJM South Hub.  |
| PJM West Hub  | The aggregated Locational Marginal Price (“LMP”) nodes defined by PJM Interconnection, LLC as the PJM Western Hub.  |
| Palo Verde    | The switch yard at the Palo Verde nuclear power station west of Phoenix in Arizona. Palo Verde Hub includes the Hassayampa switchyard 2 miles south of Palo Verde.            |
| SOCO (into)   | The set of delivery points commonly identified as and agreed to by the counterparties to constitute delivery into the Southern Company balancing authority.                   |
| SP15          | The set of delivery points south of Path 15 on the California transmission grid commonly identified as and agreed to by the counterparties to constitute the SP15 Hub.        |
| TVA (into)    | The set of delivery points commonly identified as and agreed to by the counterparties to constitute delivery into the Tennessee Valley Authority balancing authority.         |
| ZP26          | The set of delivery points associated with Path 26 on the California transmission grid commonly identified as and agreed to by the counterparties to constitute the ZP26 Hub. |

**EQR Data Dictionary****Appendix D. Time Zone**

| <b>Time Zone</b> | <b>Definition</b>          |
|------------------|----------------------------|
| AD               | <i>Atlantic Daylight</i>   |
| AP               | <i>Atlantic Prevailing</i> |
| AS               | <i>Atlantic Standard</i>   |
| CD               | <i>Central Daylight</i>    |
| CP               | <i>Central Prevailing</i>  |
| CS               | <i>Central Standard</i>    |
| ED               | <i>Eastern Daylight</i>    |
| EP               | <i>Eastern Prevailing</i>  |
| ES               | <i>Eastern Standard</i>    |
| MD               | <i>Mountain Daylight</i>   |
| MP               | <i>Mountain Prevailing</i> |
| MS               | <i>Mountain Standard</i>   |
| NA               | <i>Not Applicable</i>      |
| PD               | <i>Pacific Daylight</i>    |
| PP               | <i>Pacific Prevailing</i>  |
| PS               | <i>Pacific Standard</i>    |
| UT               | <i>Universal Time</i>      |

**EQR Data Dictionary****Appendix E. Units**

| <b>Units</b> | <b>Definition</b>                |
|--------------|----------------------------------|
| KV           | <i>Kilovolt</i>                  |
| KVA          | <i>Kilovolt Amperes</i>          |
| KVR          | <i>Kilovar</i>                   |
| KW           | <i>Kilowatt</i>                  |
| KWH          | <i>Kilowatt Hour</i>             |
| KW-DAY       | <i>Kilowatt Day</i>              |
| KW-MO        | <i>Kilowatt Month</i>            |
| KW-WK        | <i>Kilowatt Week</i>             |
| KW-YR        | <i>Kilowatt Year</i>             |
| MVAR-YR      | <i>Megavar Year</i>              |
| MW           | <i>Megawatt</i>                  |
| MWH          | <i>Megawatt Hour</i>             |
| MW-DAY       | <i>Megawatt Day</i>              |
| MW-MO        | <i>Megawatt Month</i>            |
| MW-WK        | <i>Megawatt Week</i>             |
| MW-YR        | <i>Megawatt Year</i>             |
| RKVA         | <i>Reactive Kilovolt Amperes</i> |
| FLATE RATE   | <i>Flat Rate</i>                 |

## EQR Data Dictionary

### Appendix F. Rate Units

| <b>Rate Units</b> | <b>Definition</b>                            |
|-------------------|--|
| \$/KV             | <i>dollars per kilovolt</i>                  |
| \$/KVA            | <i>dollars per kilovolt amperes</i>          |
| \$/KVR            | <i>dollars per kilovar</i>                   |
| \$/KW             | <i>dollars per kilowatt</i>                  |
| \$/KWH            | <i>dollars per kilowatt hour</i>             |
| \$/KW-DAY         | <i>dollars per kilowatt day</i>              |
| \$/KW-MO          | <i>dollars per kilowatt month</i>            |
| \$/KW-WK          | <i>dollars per kilowatt week</i>             |
| \$/KW-YR          | <i>dollars per kilowatt year</i>             |
| \$/MW             | <i>dollars per megawatt</i>                  |
| \$/MWH            | <i>dollars per megawatt hour</i>             |
| \$/MW-DAY         | <i>dollars per megawatt day</i>              |
| \$/MW-MO          | <i>dollars per megawatt month</i>            |
| \$/MW-WK          | <i>dollars per megawatt week</i>             |
| \$/MW-YR          | <i>dollars per megawatt year</i>             |
| \$/MVAR-YR        | <i>dollars per megavar year</i>              |
| \$/RKVA           | <i>dollars per reactive kilovar amperes</i>  |
| CENTS             | <i>cents</i>                                 |
| CENTS/KVR         | <i>cents per kilovolt amperes</i>            |
| CENTS/KWH         | <i>cents per kilowatt hour</i>               |
| FLAT RATE         | <i>rate not specified in any other units</i> |

**EQR Data Dictionary****Appendix G. Index Price Publisher**

| <b>Index<br/>PricePublisher<br/>Abbreviation</b> | <b>Index Price Publisher</b>           |
|--|--|
| AM   | <i>Argus Media</i>                     |
| EIG  | <i>Energy Intelligence Group, Inc.</i> |
| IP   | <i>Intelligence Press</i>              |
| P  | <i>Platts</i>                          |
| B  | <i>Bloomberg</i>                       |
| Pdx  | <i>Powerdex</i>                        |
| SNL  | <i>SNL Energy</i>                      |

**EQR Data Dictionary  
ID Data**

**Appendix H. Exchange/Broker Services**

| <b>Exchange/Brokerage Service</b> | <b>Definition</b>   |
|-----------------------------------|---|
| BROKER                            | <i>A broker was used to consummate or effectuate the transaction.</i> |
| ICE                               | <i>Intercontinental Exchange</i>                                      |
| NODAL                             | <i>Nodal Exchange</i>   |
| NYMEX                             | <i>New York Mercantile Exchange</i>                                   |