

Frequently Asked Questions on Western EIM Detailed Data Files (DDF) and EIM Services Bills

Additional materials are posted on BPA's [EIM webpage](#) under the "EIM Workshops" section. These workshops focused on EIM Settlements in order to prepare customers for the issuing of EIM Services bills and detailed data files (DDF). The first customer DDF and EIM Services bills for the month of May were published around mid-July. The July 20, 2022 [EIM Implementation Workshop](#) included an update on BPA's EIM Settlements implementation, review of DDFs, an overview of the EIM Services bills, discussion on the process customers may follow if they have questions about their EIM Services bills, how to dispute bills, and an update on BPA's participation in the market.

What is a detailed data file (DDF)?

Detailed data files provide the detailed information in order for customers to verify sub-allocated EIM charges/codes that will be included in customers' monthly EIM Services bills. The DDFs give customers advance information in the event a dispute with CAISO is needed. Customers may access their weekly DDFs only via BPA's [Customer Portal](#) (by going to "Services" then "EIM"), delivered in a zip file format.

The zip file will include multiple Excel files with at least a week's worth of data in each file. The zip file naming convention is: XXXXX_CustNam_TDYMMDD_Version (Version e.g., INITIAL9, RECALC70, etc.). The first week will be one week of data; the second week will include both week 1 and week 2 data; etc. The final zip file for the month will include Excel files with a month's worth of data to allow for comparison against EIM Services bills.

Excel files may contain single or multiple charge codes. The Excel file naming convention is: "XXXXX_CustNam_(GRName)_ReportName_CreationDate_Time_TDYMMDD_VersionDays."

The "Other EIM Charges" Excel file includes four different charge codes. The level of granularity of data varies (5-minute, hourly, or daily) depending on report. See this link to a sample DDF from the July 20 [workshop](#).

What is an EIM Services bill?

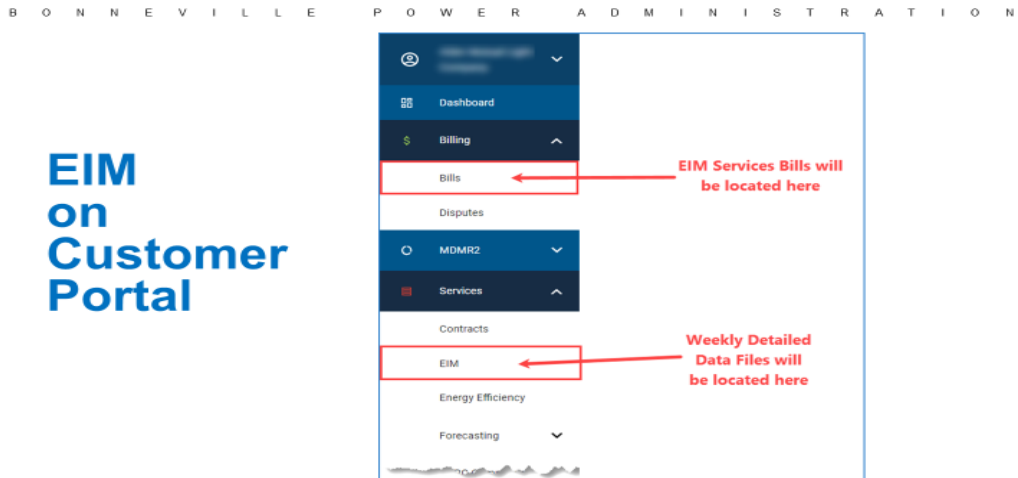
EIM Services bills are for the charges or credits a customer incurs related to BPA's participation in the EIM. The detailed information on charges and credits in customers' EIM Services bills can be found in the Transmission Rate Schedules, Energy Imbalance Market Services (Tariff Schedules 4E and 9E). Additionally, the EIM Services bills will also include Intentional Deviation and Persistent Deviation penalty charges, which were previously included in customers' transmission bills.

The EIM Services bills will be issued monthly (around the 25th in a typical month) separately from other BPA bills. The EIM Services bills will be distributed from BPA's billing department in the same method that power and transmission bills are received by customers. The bills will include contact information for EIM billing-related questions. Billing disputes will follow

the same initial starting point, with customers contacting their Transmission Account Executives to file a bill dispute.

Where can I find detailed data files and EIM Services bills?

In addition to the EIM Services bills being available through the same process by which customers receive their BPA transmission bills, customers may also access their weekly DDFs and EIM Services bills via BPA's [Customer Portal](#):



How do I read the EIM Services bill?

The “Bill Period” and “Period Ending” are not representative of the period being billed, but when the bill is created. “Bill Period(s)” will be designated by a section title of “INITIAL: YYYY-MM” or “RECALC: YYYY-MM” with applicable charge codes for that period listed beneath it. For RECALCs, charge codes will have a “Current Amount,” which is the new charge/credit, “Previous Amount,” which is the previous charge/credit, and “Net Amount,” which is the +/- difference.

EIM SERVICES BILL				
Customer Name:	[REDACTED]	Bill Period:	June 2022	
Bill ID:	[REDACTED]	Period Ending:	June 30, 2022	
Issue Date:	July 20, 2022			
INITIAL: 2022-05				
Charge Code	Description	Current Amount	Previous Amount	Net Amount

What are charge codes?

Before, during, and after market optimization, certain market conditions trigger charge codes which are used in the calculations of charges and credits:

Charge Code **6045**: Over/Under Scheduling Charge – Customers will receive this charge if BPA fails the Balancing Test and the customer contributed to the failure.

Charge Code **6046**: Over/Under Scheduling Allocation – Customers will receive this credit if BPA does not fail the Balancing Test and the customer’s daily average absolute Uninstructed Imbalance Energy is less than 5% or 2MW (whichever is greater).

Charge Code **6478, 64770, 67740, 69850**: Uplift and Neutrality Codes – Customers will receive this charge if the customer has measured demand.

Charge Code **64600**: Instructed Imbalance Energy – Fifteen Minute Market (FMM) – Customers will receive this charge if there is a change to tags after the T-57 tagging deadline.

Charge Code **64700**: Instructed Imbalance Energy – Real Time Dispatch (RTD) – Customers will receive this charge if there is a change to tags after the T-57 tagging deadline.

Charge Code **64750**: Uninstructed Imbalance Energy – Customers will receive this charge if there is a difference between the meter and base schedule.

The table below summarizes the charge codes described above:

B O N N E V I L L E P O W E R A D M I N I S T R A T I O N

Report Name by Charge Code/Position Type
GRID Modernization

Charge Code	Generating Resource	Load	Interchange
Over/Under Scheduling Charge 6045		XXXXX_CustNam_OverUnderSchedChargeCC6045	
Over/Under Scheduling Allocation 6046		XXXXX_CustNam_OverUnderSchedAllocCC6046	
Uplift and Neutrality Charges 6478, 64770, 67740, 69850		XXXXX_CustNam_OtherEIMCharges	XXXXX_CustNam_OtherEIMCharges
Uninstructed Imbalance Energy 64750	XXXXX_CustNam_GR_GenResourceImbalanceCC64750_64800_64700	XXXXX_CustNam_LoadUIECC64750	
Instructed Imbalance Energy – FMM 64600	XXXXX_CustNam_GR_GenResourceImbalanceCC64750_64800_64700		XXXXX_IntertieImbalanceCC64600_64700
Instructed Imbalance Energy - RTD 64700	XXXXX_CustNam_GR_GenResourceImbalanceCC64750_64800_64700		XXXXX_IntertieImbalanceCC64600_64700

Charge codes based on customer behavior:

Charge Code **15**: Intentional Deviation Penalty for Variable Energy Resources (VERs) only; previously on the Transmission Services bill. Customers will see this penalty if they do not schedule to the VER forecast provided by BPA.

Charge Code **20**: Persistent Deviation Penalty for Dispatchable Energy Resources Balancing Service (DERBS) only; previously on the Transmission Services bill. Customers will see this penalty if they deviate from their base schedule.

Charge Code **25**: Imbalance Reassignment Charge, explained in the [BPA Transmission Business Practice Energy Imbalance Market, Section G.8](#). This is triggered by the use of the Imbalance Reassignment Token on the tag.

Where can I find the applicable EIM charges and credits now that BPA is participating in the EIM?

The charges and credits in customers' EIM Services bills may be found in the Transmission Rate Schedules, Energy Imbalance Market Services (Tariff Schedules 4E and 9E). Additionally, the EIM Services bills will also include Intentional Deviation and Persistent Deviation penalty charges which were previously included in customers' transmission bills.

To support customers in understanding the charges or credits they may receive associated with the EIM, BPA is posting DDFs each week on the [Customer Portal](#). The DDFs will have information customers may use to understand what charges and credits they may receive on their bills. For more information on the charges and credits that customers may receive on EIM Services bills or DDFs, customers may review the recent EIM Implementation Workshop presentations from May 26, 2022 and July 20, 2022 located on BPA's [EIM webpage](#). In both workshops, BPA walked through the timelines for issuing EIM Services bills and DDFs, the charges and credits customers may receive on their EIM Services bills, and gave an overview on how customers may review the DDFs and EIM Services bills. The 2022 Transmission and Power Rate Schedules has specific information on what charges or credits are applicable to EIM, available at these links:

- [2022 Transmission, Ancillary and Control Area Service Rate Schedules and GRSPs](#)
- [2022 Power Rate Schedules and GRSPs](#)

For specific terms and conditions related to BPA's participation in the Western EIM, please see [BPA's Transmission Tariff](#). For more detailed implementation details of BPA's participation in the EIM, please see BPA's [Energy Imbalance Market Business Practice](#).

How will I receive my EIM Services bills and detailed data files?

Detailed data files will only be available through the [Customer Portal](#). The EIM Services bills will be available through the same process by which customers receive their BPA transmission bills.

Can I update the email address where my EIM Services bill will be sent?

Customers can contact their Revenue Analysts to update where their EIM Services bills are emailed; please also cc your Account Executive if changes are requested.

How do I get access to the Customer Portal?

To gain access to BPA's [Customer Portal](#), contact your Account Executive or send an email to customerportal@bpa.gov.

How do I contact BPA if I have a question on EIM DDFs and/or Services bills?

BPA Contacts for EIM



Topic / Question Area	Email and Phone	Email (cc)
EIM Services Bill (EESC)	EEESCSettlements@bpa.gov or 503-230-EIM1	gridmod@bpa.gov and Power or Transmission Account Executive
Customer Billing		
Metering	mdm@bpa.gov	
Customer Portal	customerportal@bpa.gov	
BPA Outage Office	Planned outages: bpaoutage@bpa.gov Unplanned: Contact BPA's Generation Dispatcher	
After-hours Outage	Contact BPA's Generation Dispatcher	N/A

Please submit any questions to gridmod@bpa.gov and cc your Account Executive.