



Invoking Browserless Interface with HTTP GET Call

A browserless.do URL may invoke the browserless interface with an HTTP GET call. This may be used as an alternative means to download reports, instead of using the eSuite MSRS UI or the browserless.jar file.

A user must input the appropriate <DETAILS> in the following URL:

https://msrs.pjm.com/msrs/browserless.do?report=<REPORT_SHORT_NAME>&version=<VERSION_CODE>&format=<FORMAT_CODE>&start=<START_DATE>&stop=<END_DATE>&username=<YOURUSER>&password=<YOURPASSWORD>

Note the following:

- The report parameter must be the report short name, lowercase with spaces removed and any ampersands replaced with %26
- The start and end date must be in the full mm/dd/yyyy format
- The order of the parameters does not matter and they must be separated by an ampersand character
- The username and password must be for valid MSRS users (registered via eSuite)
- The filename defaults to the same name as it would if you downloaded it from the UI
- If list=true or listxml=true you will get a list of available reports in plain text or XML
- The possible version codes are as follows and are the same as the Abbreviated Report Version codes listed in the Download File Naming Convention section of the MSRS Report Standards (<http://www.pjm.com/~media/markets-ops/settlements/msrs/msrs-report-standards.ashx>):
 - O = Original Billed
 - B = Latest Billed
 - A = All Billed
 - L = Latest
- The possible format codes are as follows:
 - X = .xml
 - C = .csv
 - P = .pdf (where applicable)

Report Download Examples:

The following URL will generate the Latest version of the RPM Auction Charges and Credits report in csv format, for August 1, 2007.

[https://msrs.pjm.com/msrs/browserless.do?report=rpmauctionchargesandcredits&version=L&format=C&start=08/01/2007&stop=08/01/2007&username=MyUser&password=Pas\\$word9](https://msrs.pjm.com/msrs/browserless.do?report=rpmauctionchargesandcredits&version=L&format=C&start=08/01/2007&stop=08/01/2007&username=MyUser&password=Pas$word9)

The following URL will generate the Latest version of the DR & ILR Compliance Penalty Ch and Cr report in xml format for August 1, 2007.

[https://msrs.pjm.com/msrs/browserless.do?report=dr%26ilrcompliancepenaltychandcr&version=L&format=X&start=08/01/2007&stop=08/01/2007&username=MyUser&password=Pas\\$word9](https://msrs.pjm.com/msrs/browserless.do?report=dr%26ilrcompliancepenaltychandcr&version=L&format=X&start=08/01/2007&stop=08/01/2007&username=MyUser&password=Pas$word9)

List Example:

The following URL will generate a list of available reports in plain text format. (If listxml is used instead of list, the URL will generate a list of available formats in XML format.)

[https://msrs.pjm.com/msrs/browserless.do?list=true&username=MyUser&password=Pas\\$word9](https://msrs.pjm.com/msrs/browserless.do?list=true&username=MyUser&password=Pas$word9)