The HOST\_URL for testing/development purpose is as follow

HOST\_URL = [ngbtest.mpwin.co.in](https://ngbtest.mpwin.co.in)

The HOST\_URL will have a different value for production use of the app.

Username for testing/development : <as per location>

Password for testing/development : <as per location>

1. LOGIN

* url : https://<HOST\_URL>/mppkvvcl/nextgenbilling/backend/api/v1/authentication/login
* method : **POST**
* header :

**User-Agent:** Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/71.0.3578.98 Safari/537.36

* body : {

"username": "<as per location>",

"password": "<as per location>"

}

* response-code : 200 (Success)

401 (Unauthorized)

403 (Forbidden)

2. CONSUMER READ HISTORY

* url : https://<HOST\_URL>/mppkvvcl/nextgenbilling/backend/api/v1/consumer/meter/read/consumer-no/<CONSUMER-NO>
* method : **GET**
* header : **Authorization :** Bearer <token>
* response-code : 200 (Success)  
   400 (Error)

Example: https://<HOST\_URL>/mppkvvcl/nextgenbilling/backend/api/v1/consumer/meter/read/consumer-no/3902001910

3. CONSUMER READ HISTORY (Sorted & Paged)

* url : https://<HOST\_URL>/mppkvvcl/nextgenbilling/backend/api/v1/consumer/meter/read/consumer-no/<CONSUMER-NO>/paged?pageNumber=1&pageSize=12&sortOrder=DESC
* method : **GET**
* header : **Authorization :** Bearer <token>
* response-code : 200 (Success)  
   400 (Error)

The sortBy,sortOrder,pageNumber,pageSize parameters controls the number of records displayed in provided order.

Example: https://<HOST\_URL>/mppkvvcl/nextgenbilling/backend/api/v1/consumer/meter/read/consumer-no/3902001910/paged?pageNumber=1&pageSize=12&sortOrder=DESC

4. CONSUMER READ COUNT

* url : https://<HOST\_URL>/mppkvvcl/nextgenbilling/backend/api/v1/consumer/meter/read/count/consumer-no/<CONSUMER-NO>
* method : **GET**
* header : **Authorization :** Bearer <token>
* response-code : 200 (Success)  
   400 (Error)

Example: https://<HOST\_URL>/mppkvvcl/nextgenbilling/backend/api/v1/consumer/meter/read/count/consumer-no/3902001910

5. CONSUMER LATEST READ

* url : https://<HOST\_URL>/mppkvvcl/nextgenbilling/backend/api/v1/consumer/meter/read/ latest/consumer-no/<CONSUMER-NO>
* method : **GET**
* header : **Authorization :** Bearer <token>
* response-code : 200 (Success)  
   204,400 (Error)

Example: https://<HOST\_URL>/mppkvvcl/nextgenbilling/backend/api/v1/consumer/meter/read/latest/consumer-no/3902001910

6. INSERT READ

* url : https://<HOST\_URL>/mppkvvcl/nextgenbilling/backend/api/v1/consumer/meter/read
* method : **POST**
* header : **Authorization :** Bearer <token>

body :

{  
    "consumerNo": "3105014833",  
    "meterIdentifier": "SECUREmpp20886",  
    "readingDate": "2020-01-28",  
    "readingType": "NORMAL",  
    "meterStatus": "WORKING",  
    "replacementFlag": "NR",  
    "source": "XML\_FILE",  
    "reading": 25775,  
    "difference": 0,  
    "mf": 1,  
    "consumption": 0,  
    "assessment": 0,  
    "propagatedAssessment": 0,  
    "totalConsumption": 0,  
    "usedOnBill": false,  
    "readMasterKW": {"meterMD": 0,"multipliedMD": 0,"billingDemand": 0},  
    "readMasterPF": { "meterPF": 0,        "billingPF": 0    }  
}

* response-code : 201 (Success)  
   400,417 (Error)

Example: https://<HOST\_URL>/mppkvvcl/nextgenbilling/backend/api/v1/consumer/meter/read