**V1.0.2 CHANGE LIST**

**1. Removed API serving bill with old consumer no**

**2. Added 2 separate API’s to serve bill with Sybase and CCNB’s old consumer no.**

**3. Removed API to provide NGB consumer no by old consumer no**

**4. Added 2 separate API’s to provide NGB consumer no by Sybase and CCNB’s old consumer no.**

**5. Added below columns in all Bill file API’s response**

DIV\_CODE, IS\_AADHAAR, ONLN\_PYMT\_RBT, PREPD\_MTR\_RBT, PRMPT\_PMT\_RBT, ADV\_PMT\_RBT, DEM\_SIDE\_RBT, FCA\_CH

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. API TO GET NGB CONSUMER NO FROM SYBASE CONSUMER NO**

* url :

https://<HOST\_URL>/ mppkvvcl/ngb/report/backend/api/v1/portal/ngb-consumer-no/sybase-consumer-no/<SYBASE-SERVICE-NUMBER>

* method : GET
* header :

Authorization**:** Bearer <token>

**Example:** [https://ngbtest.mpwin.co.in/mppkvvcl/ngb/report/backend/api/v1/portal/ngb-consumer-no/sybase-consumer-no/61430468330](https://ngbtest.mpwin.co.in/mppkvvcl/ngb/report/backend/api/v1/portal/ngb-consumer-no/61430468330)

**Response:**

N3304006122

**3. API TO GET NGB CONSUMER NO FROM CCNB CONSUMER NO**

* url :

https://<HOST\_URL>/ mppkvvcl/ngb/report/backend/api/v1/portal/ngb-consumer-no/ccnb-consumer-no/<CCNB-SERVICE-NUMBER>

* method : GET
* header :

Authorization**:** Bearer <token>

**Example:** [https://ngbtest.mpwin.co.in/mppkvvcl/ngb/report/backend/api/v1/portal/ngb-consumer-no/ccnb-consumer-no/5901364111](https://ngbtest.mpwin.co.in/mppkvvcl/ngb/report/backend/api/v1/portal/ngb-consumer-no/ccnb-consumer-no/61430468330)

**Response:**

N3854013350

**4. API TO GET BILL SUMMARY ONLY**

* url :

https://<HOST\_URL>/mppkvvcl/ngb/report/backend/api/v1/portal/bill-summary/consumer-no/<CONSUMER-NUMBER>

* method : GET
* header :

Authorization**:** Bearer <token>

**Example:** <https://ngbtest.mpwin.co.in/mppkvvcl/ngb/report/backend/api/v1/portal/bill-summary/consumer-no/N3304000098>

**Response:**

{

"locationCode": "3614304",

"groupNo": "JHP12",

"readingDiaryNo": "15",

"consumerNo": "N3304000098",

"billMonth": "JUN-2019",

"consumerName": "KISHORE FAKIRCHAND",

"addressOne": "MAKDAWN",

"addressTwo": ".",

"addressThree": null,

"mobileNo": "7440429639",

"billDate": "2019-07-11",

"dueDate": "2019-07-26",

"chequeDueDate": "2019-07-23",

"netBill": 401,

"surcharge": 5,

"netBillWithSurcharge": 406,

"sanctionedLoad": 0.1,

"sanctionedLoadUnit": "KW",

"contractDemand": 0,

"contractDemandUnit": "KW",

"phase": "SINGLE"

}

**5. API TO GET LATEST BILL DETAIL BY NGB CONSUMER NO**

* url : https://<HOST\_URL>/mppkvvcl/ngb/report/backend/api/v1/portal/bills?consumers=<LIST-NGB-CONSUMER-NUMBER>
* method : GET
* header : **Authorization:** Bearer <token>

**Example:** <https://ngbtest.mpwin.co.in/mppkvvcl/ngb/report/backend/api/v1/portal/bills?consumers=N3304006122,N3304000044>

**Response:**

[

{

"DIV\_NAME": "Barnagar (O&M)",

"TARIFF": "LV4.1A",

"LOC\_CODE\_1": "3614304",

"GROUP\_NO\_1": "JHP11",

"READER\_NO\_1": "12",

"CONS\_NO\_1": "N3304006122",

"BILL\_MONTH\_1": "APR-2018",

"BILL\_ID": 533466,

"BILL\_NO\_1": "APR18N000139246",

"BILL\_DATE": "30-04-2018",

"TOT\_UNITS\_1": 0,

"CONS\_NAME\_1": "TIKAMLAL AMBARAM",

"ADDR\_1": "BANBANA",

"ADDR\_2": ".",

"ADDR\_3": null,

"GST\_NO": null,

"NET\_BILL\_1": 0,

"PHONE\_1": null,

"MOBILE": "9981532947",

"CHQ\_DATE\_1": "2018-05-14",

"CSH\_DATE\_1": "2018-05-16",

"POLE": null,

"METER\_NO": "6143047179",

"PHASE": "THREE",

"RDG\_DATE": null,

"CONN\_LOAD": 5,

"LOAD\_UNIT": "HP",

"RDG\_TYPE": null,

"CONT\_DEM": "3.73 KW",

"MAX\_DEM": 0,

"RDG\_CURR": 0,

"RDG\_PREV": 0,

"MF": 0,

"PF": 0,

"MTR\_UNITS": 0,

"ASS\_UNITS": 0,

"TOT\_UNITS\_2": 0,

"TOD\_UNITS": null,

"LOC\_NAME": "JHANGIRPUR ",

"LOC\_ADDR\_1": "MAIN ROAD",

"LOC\_ADDR\_2": null,

"LOC\_PHONE": "07367-227623",

"ENCH": 0,

"FXCH": 0,

"DUTY": 0,

"CESS": null,

"RENT": 0,

"OFFR\_NAME": "R V RAM",

"OFFR\_PHONE": "8989984384",

"DE\_NAME": "Ashish Acharya",

"DE\_PHONE": "8989984302",

"ADJMT": 0,

"SD\_INST": 0,

"CAP\_SCH": 0,

"PENAL\_CH": null,

"TOD\_SCH": null,

"PURPOSE": "Flour mills",

"SEC\_DEP": 0,

"OCH": 0,

"BILL\_TYPE": "PDC",

"SD\_DUE": 0,

"ADV\_AMT": 0,

"SD\_INT": 0,

"PREV\_PYMT\_HDR": "DATE REF MODE AMOUNT",

"LF\_REBATE": 0,

"CASH\_MSG\_1": "13/04/2018 CASH 4074",

"CASH\_MSG\_2": "",

"CASH\_MSG\_3": null,

"LOCK\_CR": 0,

"SUBSIDY": 0,

"MONTH\_BILL": 0,

"ARRS": 0,

"NET\_BILL\_2": 0,

"SURCH": 0,

"NET\_INCL\_SURCH\_1": 0,

"MONTH\_1": "FEB-2018",

"RDG\_DATE\_1": "18-02-2018",

"RDG\_1": 2860,

"CONS\_1": 0,

"MONTH\_2": "JAN-2018",

"RDG\_DATE\_2": "20-01-2018",

"RDG\_2": 2860,

"CONS\_2": 0,

"MONTH\_3": null,

"RDG\_DATE\_3": null,

"RDG\_3": null,

"CONS\_3": null,

"MONTH\_4": null,

"RDG\_DATE\_4": null,

"RDG\_4": null,

"CONS\_4": null,

"MONTH\_5": null,

"RDG\_DATE\_5": null,

"RDG\_5": null,

"CONS\_5": null,

"MONTH\_6": null,

"RDG\_DATE\_6": null,

"RDG\_6": null,

"CONS\_6": null,

"AVG\_1": 0,

"AVG\_2": null,

"CIR\_NAME\_2": "Ujjain (O&M)",

"BILL\_MSG\_1": "Trf Catg: LV4.1A Flour mills (METERED - RURAL)",

"BILL\_MSG\_2": null,

"BILL\_MSG\_3": "FCA Energy Charges (@ 0.3 paisa/unit) Rupees 0.00 is included in energy charges for the month of APR-2018",

"BILL\_MSG\_4": "",

"BILL\_MSG\_5": "Collection through ATP / KIOSKs / Departmental collection center has also started at JHANGIRPUR DC",

"SCRN\_MSG": null,

"MTR\_READER\_NAME": null,

"BILL\_MONTH\_2": "APR-2018",

"BILL\_NO\_2": "APR18N000139246",

"LOC\_CODE\_2": "3614304",

"GROUP\_NO\_2": "JHP11",

"READER\_NO\_2": "12",

"CONS\_NO\_2": "N3304006122",

"CONS\_NAME\_2": "TIKAMLAL AMBARAM",

"CHQ\_DATE\_2": "13-05-2018",

"CSH\_DATE\_2": "15-05-2018",

"NET\_BILL\_3": 0,

"NET\_INCL\_SURCH\_2": 0,

"OLD\_CONS\_NO": "68330",

"SURCHARGE\_DEMAND": 0,

"Prev\_Pendng\_AMNT": 0,

"OTHER\_REBATES": 0,

"LF\_LOCK\_REBATE": 0,

"SARAL\_FLAG": "N",

"MAFI\_FLAG": "N",

"SARAL\_SUBSIDY": 0,

"SAMADHAN\_ARR": 0,

"MONTH\_BILL\_1": 0,

"MONTH\_BILL\_2": 0,

"MONTH\_BILL\_3": 0,

"MONTH\_BILL\_4": 0,

"SUBSIDY\_TOTAL": 0,

"SUB\_TOTAL": 0,

"PREV\_PENDNG\_AMNT\_1": 0,

"CATEGORY": null,

"IS\_BPL": null,

"AREA\_TYPE": "RURAL",

"FCA\_CH": 0,

"DIV\_CODE": "3614300",

"IS\_AADHAAR": false,

"ONLN\_PYMT\_RBT": 0,

"PREPD\_MTR\_RBT": 0,

"PRMPT\_PMT\_RBT": 0,

"ADV\_PMT\_RBT": 0,

"DEM\_SIDE\_RBT": 0

},

{

"DIV\_NAME": "barnagar (o&m)",

"TARIFF": "LV1.1",

"LOC\_CODE\_1": "3614304",

"GROUP\_NO\_1": "JHP11",

"READER\_NO\_1": "3",

"CONS\_NO\_1": "N3304000044",

"BILL\_MONTH\_1": "OCT-2019",

"BILL\_ID": 113764134,

"BILL\_NO\_1": "SEP19N002167684",

"BILL\_DATE": "29-10-2019",

"TOT\_UNITS\_1": 94,

"CONS\_NAME\_1": "PANNALAL BRAJLAL",

"ADDR\_1": "JAHANGIRPUR",

"ADDR\_2": ".",

"ADDR\_3": "Jahangirpur",

"GST\_NO": null,

"NET\_BILL\_1": 1763,

"PHONE\_1": null,

"MOBILE": "8959120099",

"CHQ\_DATE\_1": "2019-11-11",

"CSH\_DATE\_1": "2019-11-14",

"POLE": null,

"METER\_NO": "61430447",

"PHASE": "SINGLE",

"RDG\_DATE": "11-10-2019",

"CONN\_LOAD": 0.1,

"LOAD\_UNIT": "KW",

"RDG\_TYPE": "ASSESSMENT",

"CONT\_DEM": "0.00 KW",

"MAX\_DEM": 0,

"RDG\_CURR": 5,

"RDG\_PREV": 5,

"MF": 1,

"PF": 0,

"MTR\_UNITS": 0,

"ASS\_UNITS": 94,

"TOT\_UNITS\_2": 94,

"TOD\_UNITS": null,

"LOC\_NAME": "JHANGIRPUR ",

"LOC\_ADDR\_1": "MAIN ROAD",

"LOC\_ADDR\_2": null,

"LOC\_PHONE": "07367-227623",

"ENCH": 468.3,

"FXCH": 80,

"DUTY": 42,

"CESS": null,

"RENT": 10,

"OFFR\_NAME": "purshottam kumrawat",

"OFFR\_PHONE": "8989984238",

"DE\_NAME": "RAVISHANKAR MISHRA",

"DE\_PHONE": "8989990675",

"ADJMT": 0,

"SD\_INST": 0,

"CAP\_SCH": 0,

"PENAL\_CH": null,

"TOD\_SCH": null,

"PURPOSE": "Domestic light and fan <100 watt",

"SEC\_DEP": 0,

"OCH": 0,

"BILL\_TYPE": "Actual Bill",

"SD\_DUE": 0,

"ADV\_AMT": 0,

"SD\_INT": 0,

"PREV\_PYMT\_HDR": "DATE REF MODE AMOUNT",

"LF\_REBATE": 0,

"CASH\_MSG\_1": "",

"CASH\_MSG\_2": "",

"CASH\_MSG\_3": null,

"LOCK\_CR": 0,

"SUBSIDY": -500.3,

"MONTH\_BILL": 100,

"ARRS": 1663,

"NET\_BILL\_2": 1763,

"SURCH": 22,

"NET\_INCL\_SURCH\_1": 1785,

"MONTH\_1": "AUG-2019",

"RDG\_DATE\_1": "22-08-2019",

"RDG\_1": 5,

"CONS\_1": 100,

"MONTH\_2": "JUL-2019",

"RDG\_DATE\_2": "22-07-2019",

"RDG\_2": 5,

"CONS\_2": 100,

"MONTH\_3": "JUN-2019",

"RDG\_DATE\_3": "22-06-2019",

"RDG\_3": 5,

"CONS\_3": 100,

"MONTH\_4": "MAY-2019",

"RDG\_DATE\_4": "22-05-2019",

"RDG\_4": 5,

"CONS\_4": 100,

"MONTH\_5": "APR-2019",

"RDG\_DATE\_5": "22-04-2019",

"RDG\_5": 5,

"CONS\_5": 100,

"MONTH\_6": "MAR-2019",

"RDG\_DATE\_6": "22-03-2019",

"RDG\_6": 5,

"CONS\_6": 50,

"AVG\_1": 3.23,

"AVG\_2": 3.23,

"CIR\_NAME\_2": "Ujjain (O&M)",

"BILL\_MSG\_1": "Trf Catg: LV1.1 Domestic light and fan <100 watt (METERED - RURAL)",

"BILL\_MSG\_2": null,

"BILL\_MSG\_3": "FCA Energy Charges (@ 0.3 paisa/unit) Rupees 28.20 is included in energy charges for the month of SEP-2019",

"BILL\_MSG\_4": "",

"BILL\_MSG\_5": "Collection through ATP / KIOSKs / Departmental collection center has also started at JHANGIRPUR DC",

"SCRN\_MSG": null,

"MTR\_READER\_NAME": null,

"BILL\_MONTH\_2": "OCT-2019",

"BILL\_NO\_2": "SEP19N002167684",

"LOC\_CODE\_2": "3614304",

"GROUP\_NO\_2": "JHP11",

"READER\_NO\_2": "3",

"CONS\_NO\_2": "N3304000044",

"CONS\_NAME\_2": "PANNALAL BRAJLAL",

"CHQ\_DATE\_2": "10-11-2019",

"CSH\_DATE\_2": "13-11-2019",

"NET\_BILL\_3": 1763,

"NET\_INCL\_SURCH\_2": 1785,

"OLD\_CONS\_NO": "64944",

"SURCHARGE\_DEMAND": 21,

"Prev\_Pendng\_AMNT": 1663,

"OTHER\_REBATES": 0,

"LF\_LOCK\_REBATE": 0,

"SARAL\_FLAG": "N",

"MAFI\_FLAG": "N",

"SARAL\_SUBSIDY": 0,

"SAMADHAN\_ARR": 0,

"MONTH\_BILL\_1": 600.3,

"MONTH\_BILL\_2": 121,

"MONTH\_BILL\_3": 1763,

"MONTH\_BILL\_4": 1785,

"SUBSIDY\_TOTAL": -500.3,

"SUB\_TOTAL": 100,

"PREV\_PENDNG\_AMNT\_1": 1642,

"CATEGORY": null,

"IS\_BPL": null,

"AREA\_TYPE": "RURAL",

"FCA\_CH": 28.2,

"DIV\_CODE": "3614300",

""IS\_AADHAAR": true,

"ONLN\_PYMT\_RBT": 0,

"PREPD\_MTR\_RBT": 0,

"PRMPT\_PMT\_RBT": 0,

"ADV\_PMT\_RBT": 0,

"DEM\_SIDE\_RBT": 0

}

]

**6. API TO GET LATEST BILL DETAIL BY SYBASE CONSUMER NO**

* url : https://<HOST\_URL>/mppkvvcl/ngb/report/backend/api/v1/portal/bills/sybase-consumers?consumers=<LIST-SYBASE-SERVICE-NUMBER>
* method : GET
* header :

Authorization**:** Bearer <token>

**Example:** <https://ngbtest.mpwin.co.in/mppkvvcl/ngb/report/backend/api/v1/portal/bills/sybase-consumers?consumers=61430411927,61430415763>

**Response:**

[

{

"DIV\_NAME": "barnagar (o&m)",

"TARIFF": "LV1.1",

"LOC\_CODE\_1": "3614304",

"GROUP\_NO\_1": "JHP12",

"READER\_NO\_1": "15",

"CONS\_NO\_1": "N3304000098",

"BILL\_MONTH\_1": "OCT-2019",

"BILL\_ID": 113765729,

"BILL\_NO\_1": "SEP19N002170938",

"BILL\_DATE": "29-10-2019",

"TOT\_UNITS\_1": 100,

"CONS\_NAME\_1": "KISHORE FAKIRCHAND",

"ADDR\_1": "MAKDAWN",

"ADDR\_2": ".",

"ADDR\_3": "Makdawan",

"GST\_NO": null,

"NET\_BILL\_1": 194,

"PHONE\_1": null,

"MOBILE": "7440429639",

"CHQ\_DATE\_1": "2019-11-11",

"CSH\_DATE\_1": "2019-11-14",

"POLE": null,

"METER\_NO": "614304101",

"PHASE": "SINGLE",

"RDG\_DATE": "25-10-2019",

"CONN\_LOAD": 0.1,

"LOAD\_UNIT": "KW",

"RDG\_TYPE": "ASSESSMENT",

"CONT\_DEM": "0.00 KW",

"MAX\_DEM": 0,

"RDG\_CURR": 3113,

"RDG\_PREV": 3113,

"MF": 1,

"PF": 0,

"MTR\_UNITS": 0,

"ASS\_UNITS": 100,

"TOT\_UNITS\_2": 100,

"TOD\_UNITS": null,

"LOC\_NAME": "JHANGIRPUR ",

"LOC\_ADDR\_1": "MAIN ROAD",

"LOC\_ADDR\_2": null,

"LOC\_PHONE": "07367-227623",

"ENCH": 477.3,

"FXCH": 80,

"DUTY": 43,

"CESS": null,

"RENT": 10,

"OFFR\_NAME": "purshottam kumrawat",

"OFFR\_PHONE": "8989984238",

"DE\_NAME": "RAVISHANKAR MISHRA",

"DE\_PHONE": "8989990675",

"ADJMT": 0,

"SD\_INST": 0,

"CAP\_SCH": 0,

"PENAL\_CH": null,

"TOD\_SCH": null,

"PURPOSE": "Domestic light and fan <100 watt",

"SEC\_DEP": 588,

"OCH": 0,

"BILL\_TYPE": "Actual Bill",

"SD\_DUE": 0,

"ADV\_AMT": 0,

"SD\_INT": -3.03,

"PREV\_PYMT\_HDR": "DATE REF MODE AMOUNT",

"LF\_REBATE": 0,

"CASH\_MSG\_1": "23/09/2019 7 CASH 100",

"CASH\_MSG\_2": "",

"CASH\_MSG\_3": null,

"LOCK\_CR": 0,

"SUBSIDY": -510.3,

"MONTH\_BILL": 97,

"ARRS": 97,

"NET\_BILL\_2": 194,

"SURCH": 5,

"NET\_INCL\_SURCH\_1": 199,

"MONTH\_1": "AUG-2019",

"RDG\_DATE\_1": "22-08-2019",

"RDG\_1": 3113,

"CONS\_1": 100,

"MONTH\_2": "JUL-2019",

"RDG\_DATE\_2": "22-07-2019",

"RDG\_2": 3113,

"CONS\_2": 100,

"MONTH\_3": "JUN-2019",

"RDG\_DATE\_3": "22-06-2019",

"RDG\_3": 3113,

"CONS\_3": 100,

"MONTH\_4": "MAY-2019",

"RDG\_DATE\_4": "22-05-2019",

"RDG\_4": 3113,

"CONS\_4": 100,

"MONTH\_5": "APR-2019",

"RDG\_DATE\_5": "22-04-2019",

"RDG\_5": 3113,

"CONS\_5": 100,

"MONTH\_6": "MAR-2019",

"RDG\_DATE\_6": "22-03-2019",

"RDG\_6": 3113,

"CONS\_6": 100,

"AVG\_1": 3.16,

"AVG\_2": 3.23,

"CIR\_NAME\_2": "Ujjain (O&M)",

"BILL\_MSG\_1": "Trf Catg: LV1.1 Domestic light and fan <100 watt (METERED - RURAL)",

"BILL\_MSG\_2": null,

"BILL\_MSG\_3": "FCA Energy Charges (@ 0.3 paisa/unit) Rupees 30.00 is included in energy charges for the month of SEP-2019",

"BILL\_MSG\_4": "",

"BILL\_MSG\_5": "Collection through ATP / KIOSKs / Departmental collection center has also started at JHANGIRPUR DC",

"SCRN\_MSG": null,

"MTR\_READER\_NAME": null,

"BILL\_MONTH\_2": "OCT-2019",

"BILL\_NO\_2": "SEP19N002170938",

"LOC\_CODE\_2": "3614304",

"GROUP\_NO\_2": "JHP12",

"READER\_NO\_2": "15",

"CONS\_NO\_2": "N3304000098",

"CONS\_NAME\_2": "KISHORE FAKIRCHAND",

"CHQ\_DATE\_2": "10-11-2019",

"CSH\_DATE\_2": "13-11-2019",

"NET\_BILL\_3": 194,

"NET\_INCL\_SURCH\_2": 199,

"OLD\_CONS\_NO": "11927",

"SURCHARGE\_DEMAND": 5,

"Prev\_Pendng\_AMNT": 97,

"OTHER\_REBATES": 0,

"LF\_LOCK\_REBATE": 0,

"SARAL\_FLAG": "N",

"MAFI\_FLAG": "N",

"SARAL\_SUBSIDY": 0,

"SAMADHAN\_ARR": 0,

"MONTH\_BILL\_1": 610.3,

"MONTH\_BILL\_2": 102,

"MONTH\_BILL\_3": 194,

"MONTH\_BILL\_4": 199,

"SUBSIDY\_TOTAL": -510.3,

"SUB\_TOTAL": 100,

"PREV\_PENDNG\_AMNT\_1": 92,

"CATEGORY": null,

"IS\_BPL": null,

"AREA\_TYPE": "RURAL",

"FCA\_CH": 30,

"DIV\_CODE": "3614300",

"IS\_AADHAAR": true,

"ONLN\_PYMT\_RBT": 0,

"PREPD\_MTR\_RBT": 0,

"PRMPT\_PMT\_RBT": 0,

"ADV\_PMT\_RBT": 0,

"DEM\_SIDE\_RBT": 0

},

{

"DIV\_NAME": "barnagar (o&m)",

"TARIFF": "LV1.1",

"LOC\_CODE\_1": "3614304",

"GROUP\_NO\_1": "JHP12",

"READER\_NO\_1": "15",

"CONS\_NO\_1": "N3304000099",

"BILL\_MONTH\_1": "OCT-2019",

"BILL\_ID": 113765744,

"BILL\_NO\_1": "SEP19N002170955",

"BILL\_DATE": "29-10-2019",

"TOT\_UNITS\_1": 89,

"CONS\_NAME\_1": "PARHLAD LAL JI",

"ADDR\_1": "MAKDAWN",

"ADDR\_2": ".",

"ADDR\_3": "Makdawan",

"GST\_NO": null,

"NET\_BILL\_1": 3251,

"PHONE\_1": null,

"MOBILE": "9754170467",

"CHQ\_DATE\_1": "2019-11-11",

"CSH\_DATE\_1": "2019-11-14",

"POLE": null,

"METER\_NO": "614304102",

"PHASE": "SINGLE",

"RDG\_DATE": "25-10-2019",

"CONN\_LOAD": 0.1,

"LOAD\_UNIT": "KW",

"RDG\_TYPE": "NORMAL",

"CONT\_DEM": "0.00 KW",

"MAX\_DEM": 0,

"RDG\_CURR": 5258,

"RDG\_PREV": 5169,

"MF": 1,

"PF": 0,

"MTR\_UNITS": 89,

"ASS\_UNITS": 0,

"TOT\_UNITS\_2": 89,

"TOD\_UNITS": null,

"LOC\_NAME": "JHANGIRPUR ",

"LOC\_ADDR\_1": "MAIN ROAD",

"LOC\_ADDR\_2": null,

"LOC\_PHONE": "07367-227623",

"ENCH": 419.55,

"FXCH": 80,

"DUTY": 38,

"CESS": null,

"RENT": 10,

"OFFR\_NAME": "purshottam kumrawat",

"OFFR\_PHONE": "8989984238",

"DE\_NAME": "RAVISHANKAR MISHRA",

"DE\_PHONE": "8989990675",

"ADJMT": 0,

"SD\_INST": 0,

"CAP\_SCH": 0,

"PENAL\_CH": null,

"TOD\_SCH": null,

"PURPOSE": "Domestic light and fan <100 watt",

"SEC\_DEP": 620,

"OCH": 0,

"BILL\_TYPE": "Actual Bill",

"SD\_DUE": 0,

"ADV\_AMT": 0,

"SD\_INT": -3.2,

"PREV\_PYMT\_HDR": "DATE REF MODE AMOUNT",

"LF\_REBATE": 0,

"CASH\_MSG\_1": "",

"CASH\_MSG\_2": "",

"CASH\_MSG\_3": null,

"LOCK\_CR": 0,

"SUBSIDY": -447.55,

"MONTH\_BILL": 97,

"ARRS": 3154,

"NET\_BILL\_2": 3251,

"SURCH": 41,

"NET\_INCL\_SURCH\_1": 3292,

"MONTH\_1": "AUG-2019",

"RDG\_DATE\_1": "22-08-2019",

"RDG\_1": 5069,

"CONS\_1": 152,

"MONTH\_2": "JUL-2019",

"RDG\_DATE\_2": "22-07-2019",

"RDG\_2": 4917,

"CONS\_2": 62,

"MONTH\_3": "JUN-2019",

"RDG\_DATE\_3": "22-06-2019",

"RDG\_3": 4855,

"CONS\_3": 100,

"MONTH\_4": "MAY-2019",

"RDG\_DATE\_4": "22-05-2019",

"RDG\_4": 4755,

"CONS\_4": 300,

"MONTH\_5": "APR-2019",

"RDG\_DATE\_5": "22-04-2019",

"RDG\_5": 4455,

"CONS\_5": 200,

"MONTH\_6": "MAR-2019",

"RDG\_DATE\_6": "21-03-2019",

"RDG\_6": 4255,

"CONS\_6": 160,

"AVG\_1": 3.16,

"AVG\_2": 3.23,

"CIR\_NAME\_2": "Ujjain (O&M)",

"BILL\_MSG\_1": "Trf Catg: LV1.1 Domestic light and fan <100 watt (METERED - RURAL)",

"BILL\_MSG\_2": null,

"BILL\_MSG\_3": "FCA Energy Charges (@ 0.3 paisa/unit) Rupees 26.70 is included in energy charges for the month of SEP-2019",

"BILL\_MSG\_4": "",

"BILL\_MSG\_5": "Collection through ATP / KIOSKs / Departmental collection center has also started at JHANGIRPUR DC",

"SCRN\_MSG": null,

"MTR\_READER\_NAME": null,

"BILL\_MONTH\_2": "OCT-2019",

"BILL\_NO\_2": "SEP19N002170955",

"LOC\_CODE\_2": "3614304",

"GROUP\_NO\_2": "JHP12",

"READER\_NO\_2": "15",

"CONS\_NO\_2": "N3304000099",

"CONS\_NAME\_2": "PARHLAD LAL JI",

"CHQ\_DATE\_2": "10-11-2019",

"CSH\_DATE\_2": "13-11-2019",

"NET\_BILL\_3": 3251,

"NET\_INCL\_SURCH\_2": 3292,

"OLD\_CONS\_NO": "15763",

"SURCHARGE\_DEMAND": 39,

"Prev\_Pendng\_AMNT": 3154,

"OTHER\_REBATES": 0,

"LF\_LOCK\_REBATE": 0,

"SARAL\_FLAG": "N",

"MAFI\_FLAG": "N",

"SARAL\_SUBSIDY": 0,

"SAMADHAN\_ARR": 0,

"MONTH\_BILL\_1": 547.55,

"MONTH\_BILL\_2": 136,

"MONTH\_BILL\_3": 3251,

"MONTH\_BILL\_4": 3292,

"SUBSIDY\_TOTAL": -447.55,

"SUB\_TOTAL": 100,

"PREV\_PENDNG\_AMNT\_1": 3115,

"CATEGORY": null,

"IS\_BPL": null,

"AREA\_TYPE": "RURAL",

"FCA\_CH": 26.7,

"DIV\_CODE": "3614300",

"IS\_AADHAAR": true,

"ONLN\_PYMT\_RBT": 0,

"PREPD\_MTR\_RBT": 0,

"PRMPT\_PMT\_RBT": 0,

"ADV\_PMT\_RBT": 0,

"DEM\_SIDE\_RBT": 0

}

]

**7. API TO GET LATEST BILL DETAIL BY CCNB CONSUMER NO**

* url : https://<HOST\_URL>/mppkvvcl/ngb/report/backend/api/v1/portal/bills/ccnb-consumers?consumers=<LIST-CCNB-SERVICE-NUMBER>
* method : GET
* header :

Authorization**:** Bearer <token>

**Example:** [https://ngbtest.mpwin.co.in/mppkvvcl/ngb/report/backend/api/v1/portal/bills/ccnb-consumers?consumers=8642364111](https://ngbtest.mpwin.co.in/mppkvvcl/ngb/report/backend/api/v1/portal/bills/ccnb-consumers?consumers=61430411927,61430415763)

**Response:**

[

{

"DIV\_NAME": "ujjain(o&m)",

"TARIFF": "LV1.2",

"LOC\_CODE\_1": "3614803",

"GROUP\_NO\_1": "NWR20",

"READER\_NO\_1": "8",

"CONS\_NO\_1": "N3853006641",

"BILL\_MONTH\_1": "OCT-2019",

"BILL\_ID": 116387820,

"BILL\_NO\_1": "OCT19N001463752",

"BILL\_DATE": "05-11-2019",

"TOT\_UNITS\_1": 115,

"CONS\_NAME\_1": "RAMESH MOTILAL MALVIYE",

"ADDR\_1": "..",

"ADDR\_2": "GANDHI NAGAR,.",

"ADDR\_3": ".",

"GST\_NO": null,

"NET\_BILL\_1": 10452,

"PHONE\_1": null,

"MOBILE": "7898668962",

"CHQ\_DATE\_1": "2019-11-18",

"CSH\_DATE\_1": "2019-11-21",

"POLE": null,

"METER\_NO": "AEW2371888-477",

"PHASE": "SINGLE",

"RDG\_DATE": "12-10-2019",

"CONN\_LOAD": 1,

"LOAD\_UNIT": "KW",

"RDG\_TYPE": "ASSESSMENT",

"CONT\_DEM": "0.00 KW",

"MAX\_DEM": 0,

"RDG\_CURR": 2007,

"RDG\_PREV": 2007,

"MF": 1,

"PF": 0,

"MTR\_UNITS": 0,

"ASS\_UNITS": 115,

"TOT\_UNITS\_2": 115,

"TOD\_UNITS": null,

"LOC\_NAME": "NARWAR",

"LOC\_ADDR\_1": "NARWAR",

"LOC\_ADDR\_2": null,

"LOC\_PHONE": null,

"ENCH": 575.85,

"FXCH": 80,

"DUTY": 54,

"CESS": null,

"RENT": 10,

"OFFR\_NAME": "ae\_nwr",

"OFFR\_PHONE": null,

"DE\_NAME": "ee\_ujjain",

"DE\_PHONE": null,

"ADJMT": 0,

"SD\_INST": 0,

"CAP\_SCH": 0,

"PENAL\_CH": null,

"TOD\_SCH": null,

"PURPOSE": "Domestic light and fan",

"SEC\_DEP": 1400,

"OCH": 0,

"BILL\_TYPE": "Actual Bill",

"SD\_DUE": 0,

"ADV\_AMT": 0,

"SD\_INT": -8.97,

"PREV\_PYMT\_HDR": "DATE REF MODE AMOUNT",

"LF\_REBATE": 0,

"CASH\_MSG\_1": "16/10/2019 162 CASH 1000",

"CASH\_MSG\_2": "",

"CASH\_MSG\_3": null,

"LOCK\_CR": 0,

"SUBSIDY": -525.7,

"MONTH\_BILL": 185,

"ARRS": 10267,

"NET\_BILL\_2": 10452,

"SURCH": 131,

"NET\_INCL\_SURCH\_1": 10583,

"MONTH\_1": "SEP-2019",

"RDG\_DATE\_1": "19-09-2019",

"RDG\_1": 2007,

"CONS\_1": 135,

"MONTH\_2": "AUG-2019",

"RDG\_DATE\_2": "19-08-2019",

"RDG\_2": 1872,

"CONS\_2": 202,

"MONTH\_3": "JUL-2019",

"RDG\_DATE\_3": "19-07-2019",

"RDG\_3": 1670,

"CONS\_3": 440,

"MONTH\_4": "JUN-2019",

"RDG\_DATE\_4": "19-06-2019",

"RDG\_4": 1230,

"CONS\_4": 694,

"MONTH\_5": "MAY-2019",

"RDG\_DATE\_5": "19-05-2019",

"RDG\_5": 536,

"CONS\_5": 234,

"MONTH\_6": "APR-2019",

"RDG\_DATE\_6": "19-04-2019",

"RDG\_6": 302,

"CONS\_6": 300,

"AVG\_1": 8.04,

"AVG\_2": 5,

"CIR\_NAME\_2": "Ujjain (O&M)",

"BILL\_MSG\_1": "Trf Catg: LV1.2 Domestic light and fan (METERED - RURAL)",

"BILL\_MSG\_2": null,

"BILL\_MSG\_3": "FCA Energy Charges (@ 0.3 paisa/unit) Rupees 34.50 is included in energy charges for the month of OCT-2019",

"BILL\_MSG\_4": "",

"BILL\_MSG\_5": null,

"SCRN\_MSG": null,

"MTR\_READER\_NAME": null,

"BILL\_MONTH\_2": "OCT-2019",

"BILL\_NO\_2": "OCT19N001463752",

"LOC\_CODE\_2": "3614803",

"GROUP\_NO\_2": "NWR20",

"READER\_NO\_2": "8",

"CONS\_NO\_2": "N3853006641",

"CONS\_NAME\_2": "RAMESH MOTILAL MALVIYE",

"CHQ\_DATE\_2": "17-11-2019",

"CSH\_DATE\_2": "20-11-2019",

"NET\_BILL\_3": 10452,

"NET\_INCL\_SURCH\_2": 10583,

"OLD\_CONS\_NO": "8642364111",

"SURCHARGE\_DEMAND": 127,

"Prev\_Pendng\_AMNT": 10267,

"OTHER\_REBATES": 0,

"LF\_LOCK\_REBATE": 0,

"SARAL\_FLAG": "Y",

"MAFI\_FLAG": "Y",

"SARAL\_SUBSIDY": 0,

"SAMADHAN\_ARR": 0,

"MONTH\_BILL\_1": 719.85,

"MONTH\_BILL\_2": 312,

"MONTH\_BILL\_3": 10452,

"MONTH\_BILL\_4": 10583,

"SUBSIDY\_TOTAL": -525.7,

"SUB\_TOTAL": 194.15,

"PREV\_PENDNG\_AMNT\_1": 10140,

"CATEGORY": null,

"IS\_BPL": null,

"AREA\_TYPE": "RURAL",

"FCA\_CH": 34.5,

"DIV\_CODE": "3614800",

"IS\_AADHAAR": true,

"ONLN\_PYMT\_RBT": 0,

"PREPD\_MTR\_RBT": 0,

"PRMPT\_PMT\_RBT": 0,

"ADV\_PMT\_RBT": 0,

"DEM\_SIDE\_RBT": 0

}

]

**8. API TO GET AVAILABLE BILL MONTHS OF A CONSUMER**

* url :

https://<HOST\_URL>/mppkvvcl/ngb/report/backend/api/v1/portal/bill-months/consumer-no/<CONSUMER-NUMBER>

* method : GET
* header :

Authorization**:** Bearer <token>

**Example:** <https://ngbtest.mpwin.co.in/mppkvvcl/ngb/report/backend/api/v1/portal/bill-months/consumer-no/N3304000098>

**Response:**

[

"JUN-2019",

"MAY-2019",

"APR-2019",

"MAR-2019",

"FEB-2019",

"JAN-2019",

"DEC-2018",

"NOV-2018",

"OCT-2018",

"SEP-2018",

"AUG-2018",

"JUL-2018",

"JUN-2018",

"MAY-2018",

"APR-2018",

"MAR-2018",

"FEB-2018",

"JAN-2018"

]

**9. API TO GET BILL BY CONSUMER NO AND BILL MONTH**

* url :

https://<HOST\_URL>/mppkvvcl/ngb/report/backend/api/v1/portal/bill/consumer-no/<CONSUMER-NUMBER>/bill-month/<BILL-MONTH>

* method : GET
* header :

Authorization**:** Bearer <token>

**Example:** <https://ngbtest.mpwin.co.in/mppkvvcl/ngb/report/backend/api/v1/portal/bill/consumer-no/N3304000098/bill-month/JUN-2019>

**Response:**

{

"DIV\_NAME": "barnagar (o&m)",

"TARIFF": "LV1.1",

"LOC\_CODE\_1": "3614304",

"GROUP\_NO\_1": "JHP12",

"READER\_NO\_1": "15",

"CONS\_NO\_1": "N3304000098",

"BILL\_MONTH\_1": "JUN-2019",

"BILL\_ID": 99626156,

"BILL\_NO\_1": "JUN19N003728327",

"BILL\_DATE": "10-07-2019",

"TOT\_UNITS\_1": 100,

"CONS\_NAME\_1": "KISHORE FAKIRCHAND",

"ADDR\_1": "MAKDAWN",

"ADDR\_2": ".",

"ADDR\_3": null,

"GST\_NO": null,

"NET\_BILL\_1": 401,

"PHONE\_1": null,

"MOBILE": "7440429639",

"CHQ\_DATE\_1": "2019-07-23",

"CSH\_DATE\_1": "2019-07-26",

"POLE": null,

"METER\_NO": "614304101",

"PHASE": "SINGLE",

"RDG\_DATE": "22-06-2019",

"CONN\_LOAD": 0.1,

"LOAD\_UNIT": "KW",

"RDG\_TYPE": "ASSESSMENT",

"CONT\_DEM": "0.00 KW",

"MAX\_DEM": 0,

"RDG\_CURR": 3113,

"RDG\_PREV": 3113,

"MF": 1,

"PF": 0,

"MTR\_UNITS": 0,

"ASS\_UNITS": 100,

"TOT\_UNITS\_2": 100,

"TOD\_UNITS": null,

"LOC\_NAME": "JHANGIRPUR ",

"LOC\_ADDR\_1": "MAIN ROAD",

"LOC\_ADDR\_2": null,

"LOC\_PHONE": "07367-227623",

"ENCH": 447.42,

"FXCH": 65,

"DUTY": 40,

"CESS": null,

"RENT": 10,

"OFFR\_NAME": "R V RAM",

"OFFR\_PHONE": "8989984384",

"DE\_NAME": "RAVISHANKAR MISHRA",

"DE\_PHONE": "8989990675",

"ADJMT": 0,

"SD\_INST": 0,

"CAP\_SCH": 0,

"PENAL\_CH": null,

"TOD\_SCH": null,

"PURPOSE": "Domestic light and fan <100 watt",

"SEC\_DEP": 588,

"OCH": 0,

"BILL\_TYPE": "Actual Bill",

"SD\_DUE": 0,

"ADV\_AMT": 0,

"SD\_INT": -4.18,

"PREV\_PYMT\_HDR": "DATE REF MODE AMOUNT",

"LF\_REBATE": 0,

"CASH\_MSG\_1": "",

"CASH\_MSG\_2": "",

"CASH\_MSG\_3": null,

"LOCK\_CR": 0,

"SUBSIDY": -82.48,

"MONTH\_BILL": 96,

"ARRS": 305,

"NET\_BILL\_2": 401,

"SURCH": 5,

"NET\_INCL\_SURCH\_1": 406,

"MONTH\_1": "MAY-2019",

"RDG\_DATE\_1": "22-05-2019",

"RDG\_1": 3113,

"CONS\_1": 100,

"MONTH\_2": "APR-2019",

"RDG\_DATE\_2": "22-04-2019",

"RDG\_2": 3113,

"CONS\_2": 100,

"MONTH\_3": "MAR-2019",

"RDG\_DATE\_3": "22-03-2019",

"RDG\_3": 3113,

"CONS\_3": 100,

"MONTH\_4": "FEB-2019",

"RDG\_DATE\_4": "19-02-2019",

"RDG\_4": 3113,

"CONS\_4": 100,

"MONTH\_5": "JAN-2019",

"RDG\_DATE\_5": "23-01-2019",

"RDG\_5": 3113,

"CONS\_5": 100,

"MONTH\_6": "DEC-2018",

"RDG\_DATE\_6": "22-12-2018",

"RDG\_6": 3113,

"CONS\_6": 70,

"AVG\_1": 3.1,

"AVG\_2": 3.23,

"CIR\_NAME\_2": "Ujjain (O&M)",

"BILL\_MSG\_1": "Trf Catg: LV1.1 Domestic light and fan <100 watt (METERED - RURAL)",

"BILL\_MSG\_2": null,

"BILL\_MSG\_3": "FCA Energy Charges (@ 0.25 paisa/unit) Rupees 19.92 is included in energy charges for the month of JUN-2019",

"BILL\_MSG\_4": "",

"BILL\_MSG\_5": "Collection through ATP / KIOSKs / Departmental collection center has also started at JHANGIRPUR DC",

"SCRN\_MSG": null,

"MTR\_READER\_NAME": null,

"BILL\_MONTH\_2": "JUN-2019",

"BILL\_NO\_2": "JUN19N003728327",

"LOC\_CODE\_2": "3614304",

"GROUP\_NO\_2": "JHP12",

"READER\_NO\_2": "15",

"CONS\_NO\_2": "N3304000098",

"CONS\_NAME\_2": "KISHORE FAKIRCHAND",

"CHQ\_DATE\_2": "22-07-2019",

"CSH\_DATE\_2": "25-07-2019",

"NET\_BILL\_3": 401,

"NET\_INCL\_SURCH\_2": 406,

"OLD\_CONS\_NO": "11927",

"SURCHARGE\_DEMAND": 5,

"Prev\_Pendng\_AMNT": 305,

"OTHER\_REBATES": 0,

"LF\_LOCK\_REBATE": 0,

"SARAL\_FLAG": "Y",

"MAFI\_FLAG": "Y",

"SARAL\_SUBSIDY": 379.94,

"SAMADHAN\_ARR": 262,

"MONTH\_BILL\_1": 562.42,

"MONTH\_BILL\_2": 101,

"MONTH\_BILL\_3": 401,

"MONTH\_BILL\_4": 406,

"SUBSIDY\_TOTAL": -462.42,

"SUB\_TOTAL": 100,

"PREV\_PENDNG\_AMNT\_1": 300,

"CATEGORY": null,

"IS\_BPL": null,

"AREA\_TYPE": "RURAL",

"FCA\_CH": 19.92,

"DIV\_CODE": "3614300",

"IS\_AADHAAR": true,

"ONLN\_PYMT\_RBT": 0,

"PREPD\_MTR\_RBT": 0,

"PRMPT\_PMT\_RBT": 0,

"ADV\_PMT\_RBT": 0,

"DEM\_SIDE\_RBT": 0

}

**10. API TO DOWNLOAD BILL BY CONSUMER NO, BILL MONTH AND FILE FORMAT (PDF)**

* url :

https://<HOST\_URL>/mppkvvcl/ngb/report/backend/api/v1/portal/bill/consumer-no/<CONSUMER-NUMBER>/bill-month/<BILL-MONTH>/file-format/PDF

* method : GET
* header :

Authorization**:** Bearer <token>

**Example:**

**API:** [https://ngb.mpwin.co.in/mppkvvcl/ngb/report/backend/api/v1/portal/bill/consumer-no/N3902008245/bill-month/AUG-2019/file-format/PDF](%20https://ngb.mpwin.co.in/mppkvvcl/ngb/report/backend/api/v1/portal/bill/consumer-no/N3902008245/bill-month/AUG-2019/file-format/PDF%20)

**Response:**

****

**OR**

**API:**

<https://ngbtest.mpwin.co.in/mppkvvcl/ngb/report/backend/api/v1/portal/bill/consumer-no/N3902009301/bill-month/OCT-2019/file-format/PDF>

**Response:**

