**V1.0.3 CHANGE LIST**

**1. Added below columns in Bill Detail API’s response**

IS\_NET\_MTR

SOLAR\_CAPACITY

CF\_UNIT

EXPORT\_CURRENT\_READ

EXPORT\_PREV\_READ

EXPORT\_MF

EXPORT\_MTR\_UNIT

EXPORT\_ASSESSMENT

EXPORT\_TOT\_UNIT

NET\_MTR\_UNIT

NET\_TOT\_UNIT

SG\_CURRENT\_READ

SG\_PREV\_READ

SG\_MF

SG\_MTR\_UNIT

SG\_ASSESSMENT

SG\_TOT\_UNIT

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 OLD CONSUMER NO**

* url :

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

* method : GET
* header :

Authorization**:** Bearer <token>

**Example:** <https://ngbtest.mpwin.co.in/mppkvvcl/ngb/report/backend/api/v1/portal/consumer-no/old-consumer-no/61430468330>

**Response:**

3304006122

**3. 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"

}

**4. 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=N3531029891,N3544011361](https://ngbtest.mpwin.co.in/mppkvvcl/ngb/report/backend/api/v1/portal/bills?consumers=N3304006122,N3304000044)

**Response:**

[

{

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

"TARIFF": "LV1.2",

"LOC\_CODE\_1": "3474501",

"GROUP\_NO\_1": "NMT71",

"READER\_NO\_1": "81",

"CONS\_NO\_1": "N3531029891",

"BILL\_MONTH\_1": "MAY-2020",

"BILL\_ID": 169735399,

"BILL\_NO\_1": "MAY20N000004289",

"BILL\_DATE": "05-05-2020",

"TOT\_UNITS\_1": 397.2,

"CONS\_NAME\_1": "MANOJ KASHAV JI AGRAWAL",

"ADDR\_1": "169 RAJASWA COLONY",

"ADDR\_2": "NEEMUCH",

"ADDR\_3": "NEEMUCH",

"GST\_NO": null,

"NET\_BILL\_1": 0,

"PHONE\_1": null,

"MOBILE": "9425106068",

"CHQ\_DATE\_1": "2020-05-18",

"CSH\_DATE\_1": "2020-05-20",

"POLE": null,

"METER\_NO": "SECURE0879742a-1040161000",

"PHASE": "THREE",

"RDG\_DATE": "30-04-2020",

"CONN\_LOAD": 10,

"LOAD\_UNIT": "KW",

"RDG\_TYPE": "NORMAL",

"CONT\_DEM": "0.00 KW",

"MAX\_DEM": 0,

"RDG\_CURR": 4569.4,

"RDG\_PREV": 4172.2,

"MF": 1,

"PF": 0,

"MTR\_UNITS": 397.2,

"ASS\_UNITS": 0,

"TOT\_UNITS\_2": 162.9,

"TOD\_UNITS": null,

"LOC\_NAME": "NEEMUCH",

"LOC\_ADDR\_1": "NEEMUCH TOWN",

"LOC\_ADDR\_2": null,

"LOC\_PHONE": null,

"ENCH": 1068.17,

"FXCH": 675,

"DUTY": 128,

"CESS": null,

"RENT": 0,

"OFFR\_NAME": "V K Verma",

"OFFR\_PHONE": "8989984177",

"DE\_NAME": "C. S. SONI",

"DE\_PHONE": "8989984143",

"ADJMT": 0,

"SD\_INST": 0,

"CAP\_SCH": 0,

"PENAL\_CH": null,

"TOD\_SCH": null,

"PURPOSE": "Domestic light and fan",

"SEC\_DEP": 7341,

"OCH": 0,

"BILL\_TYPE": "Actual Bill",

"SD\_DUE": 0,

"ADV\_AMT": 0,

"SD\_INT": -32.64,

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

"LF\_REBATE": 0,

"CASH\_MSG\_1": "10/04/2020 MPOWZ1004202012102 CASH 1071",

"CASH\_MSG\_2": "",

"CASH\_MSG\_3": null,

"LOCK\_CR": 0,

"SUBSIDY": 0,

"MONTH\_BILL": 1839,

"ARRS": 941,

"NET\_BILL\_2": 0,

"SURCH": 35,

"NET\_INCL\_SURCH\_1": 35,

"MONTH\_1": "APR-2020",

"RDG\_DATE\_1": "03-04-2020",

"RDG\_1": 4172.2,

"CONS\_1": 369.3,

"MONTH\_2": "MAR-2020",

"RDG\_DATE\_2": "29-02-2020",

"RDG\_2": 2820,

"CONS\_2": 80.9,

"MONTH\_3": "FEB-2020",

"RDG\_DATE\_3": "31-01-2020",

"RDG\_3": 2739,

"CONS\_3": 386.4,

"MONTH\_4": "JAN-2020",

"RDG\_DATE\_4": "31-12-2019",

"RDG\_4": 2353,

"CONS\_4": 357.2,

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

"RDG\_DATE\_5": "30-11-2019",

"RDG\_5": 1996,

"CONS\_5": 62.8,

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

"RDG\_DATE\_6": "01-11-2019",

"RDG\_6": 1933,

"CONS\_6": 464.8,

"AVG\_1": 68.11,

"AVG\_2": 14.71,

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

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

"BILL\_MSG\_2": null,

"BILL\_MSG\_3": "FCA Energy Charges (@ 0.09 paisa/unit) Rupees 14.66 is included in energy charges for the month of MAY-2020",

"BILL\_MSG\_4": "",

"BILL\_MSG\_5": null,

"SCRN\_MSG": null,

"MTR\_READER\_NAME": null,

"BILL\_MONTH\_2": "MAY-2020",

"BILL\_NO\_2": "MAY20N000004289",

"LOC\_CODE\_2": "3474501",

"GROUP\_NO\_2": "NMT71",

"READER\_NO\_2": "81",

"CONS\_NO\_2": "N3531029891",

"CONS\_NAME\_2": "MANOJ KASHAV JI AGRAWAL",

"CHQ\_DATE\_2": "18-05-2020",

"CSH\_DATE\_2": "20-05-2020",

"NET\_BILL\_3": 0,

"NET\_INCL\_SURCH\_2": 35,

"OLD\_CONS\_NO": "1040161000",

"SURCHARGE\_DEMAND": 12,

"Prev\_Pendng\_AMNT": 941,

"OTHER\_REBATES": 0,

"LF\_LOCK\_REBATE": 0,

"SARAL\_FLAG": "N",

"MAFI\_FLAG": "N",

"SARAL\_SUBSIDY": 0,

"SAMADHAN\_ARR": 0,

"MONTH\_BILL\_1": 1871.17,

"MONTH\_BILL\_2": 1851,

"MONTH\_BILL\_3": 0,

"MONTH\_BILL\_4": 35,

"SUBSIDY\_TOTAL": 0,

"SUB\_TOTAL": 1871.17,

"PREV\_PENDNG\_AMNT\_1": 929,

"CATEGORY": "GENERAL",

"IS\_BPL": null,

"AREA\_TYPE": "URBAN",

"FCA\_CH": 14.66,

"DIV\_CODE": "3474500",

"ONLN\_PYMT\_RBT": 0,

"PREPD\_MTR\_RBT": 0,

"PRMPT\_PMT\_RBT": 0,

"ADV\_PMT\_RBT": 0,

"DEM\_SIDE\_RBT": 0,

"AMT\_RCVD": 2780,

"IS\_NET\_MTR": true,

"SOLAR\_CAPACITY": 10,

"CF\_UNIT": 0,

"EXPORT\_CURRENT\_READ": 1533.9,

"EXPORT\_PREV\_READ": 1299.6,

"EXPORT\_MF": 1,

"EXPORT\_MTR\_UNIT": 234.3,

"EXPORT\_ASSESSMENT": 0,

"EXPORT\_TOT\_UNIT": 234.3,

"NET\_MTR\_UNIT": 162.9,

"NET\_TOT\_UNIT": 162.9,

"SG\_CURRENT\_READ": 1,

"SG\_PREV\_READ": 1,

"SG\_MF": 1,

"SG\_MTR\_UNIT": 0,

"SG\_ASSESSMENT": 0,

"SG\_TOT\_UNIT": 0,

"IS\_AADHAAR": false

},

{

"DIV\_NAME": "indore south",

"TARIFF": "LV1.2",

"LOC\_CODE\_1": "3424504",

"GROUP\_NO\_1": "OSZ93",

"READER\_NO\_1": "1",

"CONS\_NO\_1": "N3544011361",

"BILL\_MONTH\_1": "MAY-2020",

"BILL\_ID": 172290875,

"BILL\_NO\_1": "MAY20N000614403",

"BILL\_DATE": "09-05-2020",

"TOT\_UNITS\_1": 0,

"CONS\_NAME\_1": "THE CHIEF SUPT FIRE BRIGADE",

"ADDR\_1": "..",

"ADDR\_2": "MOTITABELA INDORE,..",

"ADDR\_3": ".",

"GST\_NO": null,

"NET\_BILL\_1": 5284,

"PHONE\_1": null,

"MOBILE": null,

"CHQ\_DATE\_1": "2020-05-21",

"CSH\_DATE\_1": "2020-05-23",

"POLE": null,

"METER\_NO": "-6152164000",

"PHASE": "SINGLE",

"RDG\_DATE": null,

"CONN\_LOAD": 1.28,

"LOAD\_UNIT": "KW",

"RDG\_TYPE": null,

"CONT\_DEM": "0.00 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": "OPH South Zone",

"LOC\_ADDR\_1": "OPH South Zone",

"LOC\_ADDR\_2": null,

"LOC\_PHONE": null,

"ENCH": 0,

"FXCH": 0,

"DUTY": 0,

"CESS": null,

"RENT": 0,

"OFFR\_NAME": "Siddharth Bhambhori",

"OFFR\_PHONE": "7312762333",

"DE\_NAME": "EE\_Indore\_South",

"DE\_PHONE": null,

"ADJMT": 0,

"SD\_INST": 0,

"CAP\_SCH": 0,

"PENAL\_CH": null,

"TOD\_SCH": null,

"PURPOSE": "Domestic light and fan",

"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": "",

"CASH\_MSG\_2": "",

"CASH\_MSG\_3": null,

"LOCK\_CR": 0,

"SUBSIDY": 0,

"MONTH\_BILL": 0,

"ARRS": 5284,

"NET\_BILL\_2": 5284,

"SURCH": 0,

"NET\_INCL\_SURCH\_1": 5284,

"MONTH\_1": null,

"RDG\_DATE\_1": null,

"RDG\_1": null,

"CONS\_1": null,

"MONTH\_2": null,

"RDG\_DATE\_2": null,

"RDG\_2": null,

"CONS\_2": null,

"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": 0,

"CIR\_NAME\_2": "INDORE CITY",

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

"BILL\_MSG\_2": null,

"BILL\_MSG\_3": "FCA Energy Charges (@ 0.09 paisa/unit) Rupees 0.00 is included in energy charges for the month of MAY-2020",

"BILL\_MSG\_4": "",

"BILL\_MSG\_5": null,

"SCRN\_MSG": null,

"MTR\_READER\_NAME": null,

"BILL\_MONTH\_2": "MAY-2020",

"BILL\_NO\_2": "MAY20N000614403",

"LOC\_CODE\_2": "3424504",

"GROUP\_NO\_2": "OSZ93",

"READER\_NO\_2": "1",

"CONS\_NO\_2": "N3544011361",

"CONS\_NAME\_2": "THE CHIEF SUPT FIRE BRIGADE",

"CHQ\_DATE\_2": "21-05-2020",

"CSH\_DATE\_2": "23-05-2020",

"NET\_BILL\_3": 5284,

"NET\_INCL\_SURCH\_2": 5284,

"OLD\_CONS\_NO": "6152164000",

"SURCHARGE\_DEMAND": 0,

"Prev\_Pendng\_AMNT": 5284,

"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": 5284,

"MONTH\_BILL\_4": 5284,

"SUBSIDY\_TOTAL": 0,

"SUB\_TOTAL": 0,

"PREV\_PENDNG\_AMNT\_1": 5284,

"CATEGORY": "GENERAL",

"IS\_BPL": null,

"AREA\_TYPE": "URBAN",

"FCA\_CH": 0,

"DIV\_CODE": "3424500",

"ONLN\_PYMT\_RBT": 0,

"PREPD\_MTR\_RBT": 0,

"PRMPT\_PMT\_RBT": 0,

"ADV\_PMT\_RBT": 0,

"DEM\_SIDE\_RBT": 0,

"AMT\_RCVD": 0,

"IS\_NET\_MTR": false,

"SOLAR\_CAPACITY": null,

"CF\_UNIT": null,

"EXPORT\_CURRENT\_READ": null,

"EXPORT\_PREV\_READ": null,

"EXPORT\_MF": null,

"EXPORT\_MTR\_UNIT": null,

"EXPORT\_ASSESSMENT": null,

"EXPORT\_TOT\_UNIT": null,

"NET\_MTR\_UNIT": null,

"NET\_TOT\_UNIT": null,

"SG\_CURRENT\_READ": null,

"SG\_PREV\_READ": null,

"SG\_MF": null,

"SG\_MTR\_UNIT": null,

"SG\_ASSESSMENT": null,

"SG\_TOT\_UNIT": null,

"IS\_AADHAAR": false

}

]

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

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

Authorization**:** Bearer <token>

**Example:** [https://ngbtest.mpwin.co.in/mppkvvcl/ngb/report/backend/api/v1/portal/bills/old-consumers?consumers=1040161000,6152164000](https://ngbtest.mpwin.co.in/mppkvvcl/ngb/report/backend/api/v1/portal/bills/old-consumers?consumers=61430411927,61430415763)

**Response:**

[

{

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

"TARIFF": "LV1.2",

"LOC\_CODE\_1": "3474501",

"GROUP\_NO\_1": "NMT71",

"READER\_NO\_1": "81",

"CONS\_NO\_1": "N3531029891",

"BILL\_MONTH\_1": "MAY-2020",

"BILL\_ID": 169735399,

"BILL\_NO\_1": "MAY20N000004289",

"BILL\_DATE": "05-05-2020",

"TOT\_UNITS\_1": 397.2,

"CONS\_NAME\_1": "MANOJ KASHAV JI AGRAWAL",

"ADDR\_1": "169 RAJASWA COLONY",

"ADDR\_2": "NEEMUCH",

"ADDR\_3": "NEEMUCH",

"GST\_NO": null,

"NET\_BILL\_1": 0,

"PHONE\_1": null,

"MOBILE": "9425106068",

"CHQ\_DATE\_1": "2020-05-18",

"CSH\_DATE\_1": "2020-05-20",

"POLE": null,

"METER\_NO": "SECURE0879742a-1040161000",

"PHASE": "THREE",

"RDG\_DATE": "30-04-2020",

"CONN\_LOAD": 10,

"LOAD\_UNIT": "KW",

"RDG\_TYPE": "NORMAL",

"CONT\_DEM": "0.00 KW",

"MAX\_DEM": 0,

"RDG\_CURR": 4569.4,

"RDG\_PREV": 4172.2,

"MF": 1,

"PF": 0,

"MTR\_UNITS": 397.2,

"ASS\_UNITS": 0,

"TOT\_UNITS\_2": 162.9,

"TOD\_UNITS": null,

"LOC\_NAME": "NEEMUCH",

"LOC\_ADDR\_1": "NEEMUCH TOWN",

"LOC\_ADDR\_2": null,

"LOC\_PHONE": null,

"ENCH": 1068.17,

"FXCH": 675,

"DUTY": 128,

"CESS": null,

"RENT": 0,

"OFFR\_NAME": "V K Verma",

"OFFR\_PHONE": "8989984177",

"DE\_NAME": "C. S. SONI",

"DE\_PHONE": "8989984143",

"ADJMT": 0,

"SD\_INST": 0,

"CAP\_SCH": 0,

"PENAL\_CH": null,

"TOD\_SCH": null,

"PURPOSE": "Domestic light and fan",

"SEC\_DEP": 7341,

"OCH": 0,

"BILL\_TYPE": "Actual Bill",

"SD\_DUE": 0,

"ADV\_AMT": 0,

"SD\_INT": -32.64,

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

"LF\_REBATE": 0,

"CASH\_MSG\_1": "10/04/2020 MPOWZ1004202012102 CASH 1071",

"CASH\_MSG\_2": "",

"CASH\_MSG\_3": null,

"LOCK\_CR": 0,

"SUBSIDY": 0,

"MONTH\_BILL": 1839,

"ARRS": 941,

"NET\_BILL\_2": 0,

"SURCH": 35,

"NET\_INCL\_SURCH\_1": 35,

"MONTH\_1": "APR-2020",

"RDG\_DATE\_1": "03-04-2020",

"RDG\_1": 4172.2,

"CONS\_1": 369.3,

"MONTH\_2": "MAR-2020",

"RDG\_DATE\_2": "29-02-2020",

"RDG\_2": 2820,

"CONS\_2": 80.9,

"MONTH\_3": "FEB-2020",

"RDG\_DATE\_3": "31-01-2020",

"RDG\_3": 2739,

"CONS\_3": 386.4,

"MONTH\_4": "JAN-2020",

"RDG\_DATE\_4": "31-12-2019",

"RDG\_4": 2353,

"CONS\_4": 357.2,

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

"RDG\_DATE\_5": "30-11-2019",

"RDG\_5": 1996,

"CONS\_5": 62.8,

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

"RDG\_DATE\_6": "01-11-2019",

"RDG\_6": 1933,

"CONS\_6": 464.8,

"AVG\_1": 68.11,

"AVG\_2": 14.71,

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

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

"BILL\_MSG\_2": null,

"BILL\_MSG\_3": "FCA Energy Charges (@ 0.09 paisa/unit) Rupees 14.66 is included in energy charges for the month of MAY-2020",

"BILL\_MSG\_4": "",

"BILL\_MSG\_5": null,

"SCRN\_MSG": null,

"MTR\_READER\_NAME": null,

"BILL\_MONTH\_2": "MAY-2020",

"BILL\_NO\_2": "MAY20N000004289",

"LOC\_CODE\_2": "3474501",

"GROUP\_NO\_2": "NMT71",

"READER\_NO\_2": "81",

"CONS\_NO\_2": "N3531029891",

"CONS\_NAME\_2": "MANOJ KASHAV JI AGRAWAL",

"CHQ\_DATE\_2": "18-05-2020",

"CSH\_DATE\_2": "20-05-2020",

"NET\_BILL\_3": 0,

"NET\_INCL\_SURCH\_2": 35,

"OLD\_CONS\_NO": "1040161000",

"SURCHARGE\_DEMAND": 12,

"Prev\_Pendng\_AMNT": 941,

"OTHER\_REBATES": 0,

"LF\_LOCK\_REBATE": 0,

"SARAL\_FLAG": "N",

"MAFI\_FLAG": "N",

"SARAL\_SUBSIDY": 0,

"SAMADHAN\_ARR": 0,

"MONTH\_BILL\_1": 1871.17,

"MONTH\_BILL\_2": 1851,

"MONTH\_BILL\_3": 0,

"MONTH\_BILL\_4": 35,

"SUBSIDY\_TOTAL": 0,

"SUB\_TOTAL": 1871.17,

"PREV\_PENDNG\_AMNT\_1": 929,

"CATEGORY": "GENERAL",

"IS\_BPL": null,

"AREA\_TYPE": "URBAN",

"FCA\_CH": 14.66,

"DIV\_CODE": "3474500",

"ONLN\_PYMT\_RBT": 0,

"PREPD\_MTR\_RBT": 0,

"PRMPT\_PMT\_RBT": 0,

"ADV\_PMT\_RBT": 0,

"DEM\_SIDE\_RBT": 0,

"AMT\_RCVD": 2780,

"IS\_NET\_MTR": true,

"SOLAR\_CAPACITY": 10,

"CF\_UNIT": 0,

"EXPORT\_CURRENT\_READ": 1533.9,

"EXPORT\_PREV\_READ": 1299.6,

"EXPORT\_MF": 1,

"EXPORT\_MTR\_UNIT": 234.3,

"EXPORT\_ASSESSMENT": 0,

"EXPORT\_TOT\_UNIT": 234.3,

"NET\_MTR\_UNIT": 162.9,

"NET\_TOT\_UNIT": 162.9,

"SG\_CURRENT\_READ": 1,

"SG\_PREV\_READ": 1,

"SG\_MF": 1,

"SG\_MTR\_UNIT": 0,

"SG\_ASSESSMENT": 0,

"SG\_TOT\_UNIT": 0,

"IS\_AADHAAR": false

},

{

"DIV\_NAME": "indore south",

"TARIFF": "LV1.2",

"LOC\_CODE\_1": "3424504",

"GROUP\_NO\_1": "OSZ93",

"READER\_NO\_1": "1",

"CONS\_NO\_1": "N3544011361",

"BILL\_MONTH\_1": "MAY-2020",

"BILL\_ID": 172290875,

"BILL\_NO\_1": "MAY20N000614403",

"BILL\_DATE": "09-05-2020",

"TOT\_UNITS\_1": 0,

"CONS\_NAME\_1": "THE CHIEF SUPT FIRE BRIGADE",

"ADDR\_1": "..",

"ADDR\_2": "MOTITABELA INDORE,..",

"ADDR\_3": ".",

"GST\_NO": null,

"NET\_BILL\_1": 5284,

"PHONE\_1": null,

"MOBILE": null,

"CHQ\_DATE\_1": "2020-05-21",

"CSH\_DATE\_1": "2020-05-23",

"POLE": null,

"METER\_NO": "-6152164000",

"PHASE": "SINGLE",

"RDG\_DATE": null,

"CONN\_LOAD": 1.28,

"LOAD\_UNIT": "KW",

"RDG\_TYPE": null,

"CONT\_DEM": "0.00 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": "OPH South Zone",

"LOC\_ADDR\_1": "OPH South Zone",

"LOC\_ADDR\_2": null,

"LOC\_PHONE": null,

"ENCH": 0,

"FXCH": 0,

"DUTY": 0,

"CESS": null,

"RENT": 0,

"OFFR\_NAME": "Siddharth Bhambhori",

"OFFR\_PHONE": "7312762333",

"DE\_NAME": "EE\_Indore\_South",

"DE\_PHONE": null,

"ADJMT": 0,

"SD\_INST": 0,

"CAP\_SCH": 0,

"PENAL\_CH": null,

"TOD\_SCH": null,

"PURPOSE": "Domestic light and fan",

"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": "",

"CASH\_MSG\_2": "",

"CASH\_MSG\_3": null,

"LOCK\_CR": 0,

"SUBSIDY": 0,

"MONTH\_BILL": 0,

"ARRS": 5284,

"NET\_BILL\_2": 5284,

"SURCH": 0,

"NET\_INCL\_SURCH\_1": 5284,

"MONTH\_1": null,

"RDG\_DATE\_1": null,

"RDG\_1": null,

"CONS\_1": null,

"MONTH\_2": null,

"RDG\_DATE\_2": null,

"RDG\_2": null,

"CONS\_2": null,

"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": 0,

"CIR\_NAME\_2": "INDORE CITY",

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

"BILL\_MSG\_2": null,

"BILL\_MSG\_3": "FCA Energy Charges (@ 0.09 paisa/unit) Rupees 0.00 is included in energy charges for the month of MAY-2020",

"BILL\_MSG\_4": "",

"BILL\_MSG\_5": null,

"SCRN\_MSG": null,

"MTR\_READER\_NAME": null,

"BILL\_MONTH\_2": "MAY-2020",

"BILL\_NO\_2": "MAY20N000614403",

"LOC\_CODE\_2": "3424504",

"GROUP\_NO\_2": "OSZ93",

"READER\_NO\_2": "1",

"CONS\_NO\_2": "N3544011361",

"CONS\_NAME\_2": "THE CHIEF SUPT FIRE BRIGADE",

"CHQ\_DATE\_2": "21-05-2020",

"CSH\_DATE\_2": "23-05-2020",

"NET\_BILL\_3": 5284,

"NET\_INCL\_SURCH\_2": 5284,

"OLD\_CONS\_NO": "6152164000",

"SURCHARGE\_DEMAND": 0,

"Prev\_Pendng\_AMNT": 5284,

"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": 5284,

"MONTH\_BILL\_4": 5284,

"SUBSIDY\_TOTAL": 0,

"SUB\_TOTAL": 0,

"PREV\_PENDNG\_AMNT\_1": 5284,

"CATEGORY": "GENERAL",

"IS\_BPL": null,

"AREA\_TYPE": "URBAN",

"FCA\_CH": 0,

"DIV\_CODE": "3424500",

"ONLN\_PYMT\_RBT": 0,

"PREPD\_MTR\_RBT": 0,

"PRMPT\_PMT\_RBT": 0,

"ADV\_PMT\_RBT": 0,

"DEM\_SIDE\_RBT": 0,

"AMT\_RCVD": 0,

"IS\_NET\_MTR": false,

"SOLAR\_CAPACITY": null,

"CF\_UNIT": null,

"EXPORT\_CURRENT\_READ": null,

"EXPORT\_PREV\_READ": null,

"EXPORT\_MF": null,

"EXPORT\_MTR\_UNIT": null,

"EXPORT\_ASSESSMENT": null,

"EXPORT\_TOT\_UNIT": null,

"NET\_MTR\_UNIT": null,

"NET\_TOT\_UNIT": null,

"SG\_CURRENT\_READ": null,

"SG\_PREV\_READ": null,

"SG\_MF": null,

"SG\_MTR\_UNIT": null,

"SG\_ASSESSMENT": null,

"SG\_TOT\_UNIT": null,

"IS\_AADHAAR": false

}

]

**6. 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"

]

**7. 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/N3531029891/bill-month/MAY-2020>

**Response:**

{

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

"TARIFF": "LV1.2",

"LOC\_CODE\_1": "3474501",

"GROUP\_NO\_1": "NMT71",

"READER\_NO\_1": "81",

"CONS\_NO\_1": "N3531029891",

"BILL\_MONTH\_1": "MAY-2020",

"BILL\_ID": 169735399,

"BILL\_NO\_1": "MAY20N000004289",

"BILL\_DATE": "05-05-2020",

"TOT\_UNITS\_1": 397.2,

"CONS\_NAME\_1": "MANOJ KASHAV JI AGRAWAL",

"ADDR\_1": "169 RAJASWA COLONY",

"ADDR\_2": "NEEMUCH",

"ADDR\_3": "NEEMUCH",

"GST\_NO": null,

"NET\_BILL\_1": 0,

"PHONE\_1": null,

"MOBILE": "9425106068",

"CHQ\_DATE\_1": "2020-05-18",

"CSH\_DATE\_1": "2020-05-20",

"POLE": null,

"METER\_NO": "SECURE0879742a-1040161000",

"PHASE": "THREE",

"RDG\_DATE": "30-04-2020",

"CONN\_LOAD": 10,

"LOAD\_UNIT": "KW",

"RDG\_TYPE": "NORMAL",

"CONT\_DEM": "0.00 KW",

"MAX\_DEM": 0,

"RDG\_CURR": 4569.4,

"RDG\_PREV": 4172.2,

"MF": 1,

"PF": 0,

"MTR\_UNITS": 397.2,

"ASS\_UNITS": 0,

"TOT\_UNITS\_2": 162.9,

"TOD\_UNITS": null,

"LOC\_NAME": "NEEMUCH",

"LOC\_ADDR\_1": "NEEMUCH TOWN",

"LOC\_ADDR\_2": null,

"LOC\_PHONE": null,

"ENCH": 1068.17,

"FXCH": 675,

"DUTY": 128,

"CESS": null,

"RENT": 0,

"OFFR\_NAME": "V K Verma",

"OFFR\_PHONE": "8989984177",

"DE\_NAME": "C. S. SONI",

"DE\_PHONE": "8989984143",

"ADJMT": 0,

"SD\_INST": 0,

"CAP\_SCH": 0,

"PENAL\_CH": null,

"TOD\_SCH": null,

"PURPOSE": "Domestic light and fan",

"SEC\_DEP": 7341,

"OCH": 0,

"BILL\_TYPE": "Actual Bill",

"SD\_DUE": 0,

"ADV\_AMT": 0,

"SD\_INT": -32.64,

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

"LF\_REBATE": 0,

"CASH\_MSG\_1": "10/04/2020 MPOWZ1004202012102 CASH 1071",

"CASH\_MSG\_2": "",

"CASH\_MSG\_3": null,

"LOCK\_CR": 0,

"SUBSIDY": 0,

"MONTH\_BILL": 1839,

"ARRS": 941,

"NET\_BILL\_2": 0,

"SURCH": 35,

"NET\_INCL\_SURCH\_1": 35,

"MONTH\_1": "APR-2020",

"RDG\_DATE\_1": "03-04-2020",

"RDG\_1": 4172.2,

"CONS\_1": 369.3,

"MONTH\_2": "MAR-2020",

"RDG\_DATE\_2": "29-02-2020",

"RDG\_2": 2820,

"CONS\_2": 80.9,

"MONTH\_3": "FEB-2020",

"RDG\_DATE\_3": "31-01-2020",

"RDG\_3": 2739,

"CONS\_3": 386.4,

"MONTH\_4": "JAN-2020",

"RDG\_DATE\_4": "31-12-2019",

"RDG\_4": 2353,

"CONS\_4": 357.2,

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

"RDG\_DATE\_5": "30-11-2019",

"RDG\_5": 1996,

"CONS\_5": 62.8,

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

"RDG\_DATE\_6": "01-11-2019",

"RDG\_6": 1933,

"CONS\_6": 464.8,

"AVG\_1": 68.11,

"AVG\_2": 14.71,

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

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

"BILL\_MSG\_2": null,

"BILL\_MSG\_3": "FCA Energy Charges (@ 0.09 paisa/unit) Rupees 14.66 is included in energy charges for the month of MAY-2020",

"BILL\_MSG\_4": "",

"BILL\_MSG\_5": null,

"SCRN\_MSG": null,

"MTR\_READER\_NAME": null,

"BILL\_MONTH\_2": "MAY-2020",

"BILL\_NO\_2": "MAY20N000004289",

"LOC\_CODE\_2": "3474501",

"GROUP\_NO\_2": "NMT71",

"READER\_NO\_2": "81",

"CONS\_NO\_2": "N3531029891",

"CONS\_NAME\_2": "MANOJ KASHAV JI AGRAWAL",

"CHQ\_DATE\_2": "18-05-2020",

"CSH\_DATE\_2": "20-05-2020",

"NET\_BILL\_3": 0,

"NET\_INCL\_SURCH\_2": 35,

"OLD\_CONS\_NO": "1040161000",

"SURCHARGE\_DEMAND": 12,

"Prev\_Pendng\_AMNT": 941,

"OTHER\_REBATES": 0,

"LF\_LOCK\_REBATE": 0,

"SARAL\_FLAG": "N",

"MAFI\_FLAG": "N",

"SARAL\_SUBSIDY": 0,

"SAMADHAN\_ARR": 0,

"MONTH\_BILL\_1": 1871.17,

"MONTH\_BILL\_2": 1851,

"MONTH\_BILL\_3": 0,

"MONTH\_BILL\_4": 35,

"SUBSIDY\_TOTAL": 0,

"SUB\_TOTAL": 1871.17,

"PREV\_PENDNG\_AMNT\_1": 929,

"CATEGORY": "GENERAL",

"IS\_BPL": null,

"AREA\_TYPE": "URBAN",

"FCA\_CH": 14.66,

"DIV\_CODE": "3474500",

"ONLN\_PYMT\_RBT": 0,

"PREPD\_MTR\_RBT": 0,

"PRMPT\_PMT\_RBT": 0,

"ADV\_PMT\_RBT": 0,

"DEM\_SIDE\_RBT": 0,

"AMT\_RCVD": 2780,

"IS\_NET\_MTR": true,

"SOLAR\_CAPACITY": 10,

"CF\_UNIT": 0,

"EXPORT\_CURRENT\_READ": 1533.9,

"EXPORT\_PREV\_READ": 1299.6,

"EXPORT\_MF": 1,

"EXPORT\_MTR\_UNIT": 234.3,

"EXPORT\_ASSESSMENT": 0,

"EXPORT\_TOT\_UNIT": 234.3,

"NET\_MTR\_UNIT": 162.9,

"NET\_TOT\_UNIT": 162.9,

"SG\_CURRENT\_READ": 1,

"SG\_PREV\_READ": 1,

"SG\_MF": 1,

"SG\_MTR\_UNIT": 0,

"SG\_ASSESSMENT": 0,

"SG\_TOT\_UNIT": 0,

"IS\_AADHAAR": false }

**8. 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:**



**OR**

**API:**

[https://ngbtest.mpwin.co.in/mppkvvcl/ngb/report/backend/api/v1/portal/bill/consumer-no/ N3531029891/bill-month/MAY-2020/file-format/PDF](https://ngbtest.mpwin.co.in/mppkvvcl/ngb/report/backend/api/v1/portal/bill/consumer-no/N3902009301/bill-month/OCT-2019/file-format/PDF)

**Response:**



**9. API TO DOWNLOAD CONSUMER PASSBOOK BY CONSUMER NO AND FILE FORMAT (PDF)**

* url :

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

* method : GET
* header :

Authorization**:** Bearer <token>

**Example:**

**API:** [https://ngb.mpwin.co.in/mppkvvcl/ngb/report/backend/api/v1/portal/consumer-passbook/consumer-no/3226012150/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:**

