
API Specification Doc

RECHARGE AND BILL PAYMENT GET

VERSION 1.0
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Created By: MYPAYMALL

Distribution:

Version	Date Issued	Issued To	Description
1.0	20/07/2020	MyPallMall	Initial draft

Web API Information

The purpose of this document is to provide a high level specification for DMR Web Service API (Application Programming Interface). We expect the readers of this document will already have an understanding of basic API/Web Services concepts.

The Costing Web API web service will be used by MyPayMall clients to get DMR details whenever they require. Once the API is called by the client, we will validate and authorize the client and return respective information based on the level of access they have and information they required. **The response and request will be in JSON format by default.**

Web Service:

Client can use any technology such as Java, PHP and .NET to call and receive data from the web service.

Web Methods

1. Get Service Code

This web method will Use Get Service Code.

Request

Method	URL
GET	/api/GetAPIServiceCode

Response Format		
MessageStatus	Bool	True / false (Status equals to true means request proceed successfully)
Message	String	Message
JsonResult	Object	Null
Status	Int	HTTP Status Code
{"MessageStatus": true,"Message": "Request Process succesfully","JsonResult": [{"ServiceCode": "JO","ServiceName": "RelianceJio"}],"Status": 200}		

2. Get Service Type

This web method will Use to Get Service Type.

Request

Method	URL
GET	/api/GetAPIServicetype

Response Format		
MessageStatus	Bool	True/false(Status equals to true means request proceed successfully)
Message	String	Message
JsonResult	Object	Null
Status	Int	HTTP Status Code
{"MessageStatus": true,"Message": "Request Process succesfully","JsonResult": [{"RechargeTypeName": "Recharge","RechargeTypeId": 1,"Id": 1 },{"RechargeTypeName":"STV","RechargeTypeId":2,"Id":2},		

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{"RechargeTypeName": "DTH","RechargeTypeId": 3,"Id": 3},"Status": 200}
```

3. Get Circle

This web method will Use to Get Circle.

Request

Method	URL
GET	/api/GetAPICircle

Response Format		
MessageStatus	Bool	True / false (Status equals to true means request proceed successfully)
Message	String	Message
JsonResult	Object	Circle information
Status	Int	HTTP Status Code
<pre>{"MessageStatus": true,"Message": "Request Process succesfully","JsonResult": [{"Id": 1,"StateName": "Andhra Pradesh & Telegana","CircleCode": "1","IsActive": false}, {"Id": 2,"StateName": "Assam","CircleCode": "2","IsActive": false}, {"Id": 3,"StateName": "Bihar & Jharkhand","CircleCode": "3","IsActive": false}, {"Id": 5,"StateName": "Delhi", "CircleCode": "4","IsActive": false}], "Status": 200}</pre>		

4. Transaction

This web method will Use to Transaction.

Request

Method	URL
GET	/api/APIRechargeProcessGet?serviceTypeId=1(Get RechargeType Id from Get ServiceType)&mobileNo=XXXXXXXXXX&amount=0&circle=All(Get StateName from Get Circle Api or pass All)&otherParameter={otherParameter}&otherParameter1={otherParameter1}&otherParameter2={otherParameter2}&otherParameter3={otherParameter3}&otherParameter4={otherParameter4}&otherParameter5={otherParameter5}&otherParameter6={otherParameter6}

	arameter6}&otherParameter7={otherParameter7}&otherParameter8={otherParameter8}&token={token}&userRegisterMobileNo={RegisterMobileNo}&clientTransactionId={Unique Ref Id}&serviceCode={ServiceCode}
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INPUT Parameters for the request

Parameters	Values	Description
serviceTypeId(M)	String	Get RechargeType Id from Get ServiceType
mobileNo(M)	String	Recharge MobileNo
Amount(M)	String	RechargeValue
Circle(M)	String	Get StateName from Get Circle Api or pass All as Default
Token(M)	String	Api token
userRegisterMobileNo(M)	String	User Registration Mobile No
clientTransactionId(M)	String	Client System unique Id
serviceCode(M)	String	Service Code Get From GetServiceCode Api
otherParameter to otherParameter8(O)	String	Pass in particular Services whenever Required
Response Format		
Response Type 1(For Direct Fail)		
MessageStatus	Bool	True / false (Status equals to true means request proceed successfully)
Message	String	Message
Status	Int	HTTP Status Code
JsonResult	Object	
Message	String	Message
TransactionStatus	Int	Transaction Status : 0 (PENDING),1(FAIL),2(SUCCESS)
TransactionStatusMessage	String	FAIL
<pre>{ "MessageStatus":false,"Message":"Insufficient Balance"/Invalid Token etc., "JsonResult":{"TransactionStatusMessage": "SUCCESS","TransactionStatus": 1},"Status": 200}</pre>		
Response Type 2		
MessageStatus	Bool	True / false (Status equals to true means request proceed successfully)
Message	String	Message
Status	Int	HTTP Status Code
JsonResult	Object	
ClientTransactionId	String	Client System Unique Id
SystemTransactionId	String	Our System Unique Id
OperaterId	String	OperaterId
Balance	String	Closing balance after Transaction

RechargeAmount	String	Amount
RechargeMobileNo	String	Recharge Mobile Number
flag	int	Ignore
TransactionStatus	Int	Transaction Status : 0 (PENDING),1(FAIL),2(SUCCESS)
TransactionStatusMessage	String	PENDING/ FAIL /SUCCESS
<pre>{ "MessageStatus": true, "Message": "Recharge Process Successfully", "JsonResult": { "TransactionStatus": "2/1/0", "TransactionStatusMessage": "SUCCESS/PENDING/FAIL", "SystemTransactionId": "150", "ClientTransactionId": "12345", "OperaterId": "BR0004DV8CDY", "Balance": 19631.28, "RechargeAmount": 20, "RechargeMobileNo": "XXXXXXXXXX", "flag": 2}, "Status": 200} </pre>		

5. Balance Check

This web method will Use to Check Balance.

Request

Method	URL
GET	/api/BalanceCheckGet?token={Token}&userRegisterMobileNo=XXXXXXXXXX

INPUT Parameters for the request

Parameters	Values	Description
Token(M)	String	Api token
userRegisterMobileNo(M)	String	User Registration Mobile No
Request Format		
<pre>{ "SenderMobile": "XXXXXXXXXX", "BeneficiaryId": "X", "Username": "XXXXXXXXXX", "Password": "XXX", "APIKey": "XXXXXXXX"} </pre>		
Response Format		
MessageStatus	Bool	True / false (Status equals to true means request proceed successfully)
Message	String	Message
JsonResult	Object	Null
Status	Int	HTTP Status Code

```
{"MessageStatus": true, "Message": "Request Process succesfully", "JsonResult": { "Balance": 19611.28
}, "Status": 200}
```

6. Status Check by System Transaction Id

This web method will Use to Check Transaction Status using our system Id.

Request

Method	URL
GET	<u>/api/TransactionStatusBySystemIdGet?</u> systemTransactionId={systemId}& token={token}& userRegisterMobileNo={userregNumber}

Response Format		
MessageStatus	Bool	True / false (Status equals to true means request proceed successfully)
Message	String	Message
Status	Int	HTTP Status Code
JsonResult	Object	
ClientTransactionId	String	Client System Unique Id
SystemTransactionId	String	Our System Unique Id
OperaterId	String	OperaterId
Balance	String	Closing balance after Transaction
RechargeAmount	String	Amount
RechargeMobileNo	String	Recharge Mobile Number
flag	int	Ignore
TransactionStatus	Int	Transaction Status : 0 (PENDING),1(FAIL),2(SUCCESS)
TransactionStatusMessage	String	PENDING/ FAIL /SUCCESS
{"MessageStatus": true, "Message": "Recharge in Progress", "JsonResult": { "TransactionStatus": "0(PENDING)/1(FAILED)/2(SUCCESS)", "TransactionStatusMessage": "PENDING/FAILED/SUCCESS", "SystemTransactionId": "our system Unique Id", "ClientTransactionId": "Client system Unique Id", "OperaterId": "Operator Ref number ", "Balance": 19611.28, "RechargeAmount": 20,		

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"RechargeMobileNo": "MobileNo", "flag": 0 }, "Status": 200}
```

7. Status Check by Client Transaction Id

This web method will Use to Check Transaction Status using your system Id.

Request

Method	URL
GET	/api/TransactionStatusByClientIdGet?ClientTransactionId={clientId}&token={token}&userRegisterMobileNo={regmobileNumber}

INPUT Parameters for the request

Response Format		
MessageStatus	Bool	True / false (Status equals to true means request proceed successfully)
Message	String	Message
Status	Int	HTTP Status Code
JsonResult	Object	
ClientTransactionId	String	Client System Unique Id
SystemTransactionId	String	Our System Unique Id
OperaterId	String	OperaterId
Balance	String	Closing balance after Transaction
RechargeAmount	String	Amount
RechargeMobileNo	String	Recharge Mobile Number
flag	int	Ignore
TransactionStatus	Int	Transaction Status : 0 (PENDING),1(FAIL),2(SUCCESS)
TransactionStatusMessage	String	PENDING/ FAIL /SUCCESS
<pre>{ "MessageStatus": true, "Message": "Recharge in Progress", "JsonResult": { "TransactionStatus": "0(PENDING)/1(FAILED)/2(SUCCESS)", "TransactionStatusMessage": "PENDING/FAILED/SUCCESS", "SystemTransactionId": "our system Unique Id", "ClientTransactionId": "Client system Unique Id", "OperaterId": "Operator Ref number ", "Balance": 19611.28, "RechargeAmount": 20, "RechargeMobileNo": "MobileNo", "flag": 0 }, "Status": 200} </pre>		

8. Response Url

```
http://Domain/ClientResponsePage?ClientTxId={ClientsystemuniqueId}&Uniqueid=OurSystemuniqueid&Amount=RechargeAmount&operatorId={OperatorTransactionId}&MobileNo={MobileNumber}&Status=1{Failed}/2{Success}
```

Recharge & DTH Operator

ServiceName	ServiceCode
Airtel	RA
Idea	RI
Vodafone	RV
RelianceJio	RJ
BSNL	RB
BSNLSpecial	SB
AirtelDTH	DA
VideoconD2H	DV
TATASky	DT
DISHTV	DD
SUNDirect	DS

PostPaid Operator

ServiceName	ServiceCode
Vodafone Postpaid	VP
Airtel Postpaid	AP
Idea Postpaid	IP
JIOPostpaid	RP
BSNLPostpaid	BP

ServiceName	ServiceCode	Number	AMT	otherParameter	otherParameter1	otherParameter2
PASCHIMGU JARATVIJCO LTD	PGVCL	Consumer No	Bill Amount	Customer Mobile No		
MADHYAGU JARATVIJCO LTD	MGVCL	Consumer No	Bill Amount	Customer Mobile No		
UTTARGUJA RATVIJCOLT D	UGVCL	Consumer No	Bill Amount	Customer Mobile No		
DAKSHINGU JARATVIJCO LTD	DGVCL	Consumer No	Bill Amount	Customer Mobile No		
ADANIGAS	ADGL					
GUJARATGA SLTD	GUGL					
EASTERNPO WERDISTRIB UTIONCOLT D	APEPD	Consumer No	Bill Amount	Customer Mobile No		
SOUTHERNP OWERDISTRIB UTIONCOLT D	APSPD	Consumer No	Bill Amount	Customer Mobile No		
ASSAMPOW ER(APDCLN ON-RAPDR)	APNR	Consumer No	Bill Amount	Customer Mobile No		
ASSAMPOW ER(APDCL- RAPDR)	APR	Consumer No	Bill Amount	Customer Mobile No		
NORTHBIHA RPOWERDIS TRIBUTIONC OLT	NBPDC	Consumer No	Bill Amount	Customer Mobile No		
SOUTHBIHA RPOWERDIS TRIBUTIONC OLT	SBPDC	Consumer No	Bill Amount	Customer Mobile No		
CHHATTISG ARHSTATEP OWERDISTRIB UTIONCOLT D	CSPDC	Consumer No	Bill Amount	Customer Mobile No		
DAMANAND DIUELECTRI CITY	DNDE	Consumer No	Bill Amount	Customer Mobile No		

DNHPOWER DISTRIBUTIO NCOLTD	DNHPD	Consum er No	Bill Amount	Customer Mobile No		
GOAELECTRI CITYDEPART MENT	GED	Consum er No	Bill Amount	Customer Mobile No		
TORRENTPO WERAHMED ABAD	TPA	Consum er No	Bill Amount	Customer Mobile No		
TORRENTPO WERSURAT	TPS	Consum er No	Bill Amount	Customer Mobile No		
DAKSHINHA RYANABIJLI	DHBVN	Consum er No	Bill Amount	Customer Mobile No		
UTTARHARY ANABIJLIVIT RANNIGAM	UHBNV	Consum er No	Bill Amount	Customer Mobile No		
HIMACHALP RADESHSTA TEELECTRICI TYBOARD	HPSEB	Consum er No	Bill Amount	Customer Mobile No		
JAMSHEDPU RUTILITIES& SERVICESCO	JUSCO	Consum er No	Bill Amount	Customer Mobile No		
JHARKHNDB IJLIVITRANNI GAMLTD	JBVNL	Consum er No	Bill Amount	Customer Mobile No		
BANGALORE ELECTRICITY	BESCO	Consum er No	Bill Amount	Customer Mobile No		
CHAMUNDE SHWARIELE CTRICITYSUP PLYCORP	CESCL	Consum er No	Bill Amount	Customer Mobile No		
GULBARGAE LECTRICITYS UPPLYCOLT D	GESCO	Consum er No	Bill Amount	Customer Mobile No		
HUBLIELECT RICITY	HUBE	Consum er No	Bill Amount	Customer Mobile No		
MANGALOR EELECTRICIT YSUPPLYCOL TD	MESCO	Consum er No	Bill Amount	Customer Mobile No		

KERALASTAT ELECTRICITY BOARD LTD	KSEBL	Consumer No	Bill Amount	Customer Mobile No		
ADANIELECT RICITY	AEM	Consumer No	Bill Amount	Customer Mobile No		
BESTMUMBAI	BESTM	Consumer No	Bill Amount	Customer Mobile No		
TATAPOWER -MUMBAI	TPM	Consumer No	Bill Amount	Customer Mobile No		
TORRENTPOWER- BHIWANDI	TPB	Consumer No	Bill Amount	Customer Mobile No		
MAHARASH TRASTATEEL ECTRICITYDI STRIBUTION CO	MSEDC	Consumer No	Bill Amount	Customer Mobile No	Sub Division code	
MADHYAKS HETRAVIDY UTVITRAN- AGRIC	MKVVB	Consumer No	Bill Amount	Customer Mobile No		
MADHYAKS HETRAVIDY UTVITRAN- RURAL	MKVVR	Consumer No	Bill Amount	Customer Mobile No		
PASCHIMKS HETRAVIDY UTVITRANC OLTD	MPPKV	Consumer No	Bill Amount	Customer Mobile No		
POORVKSHE TRAVIDYUTV ITRAN-NGB	PKVVJ	Consumer No	Bill Amount	Customer Mobile No		
POORVKSHE TRAVIDYUTV ITRAN- RURAL	PKVVU	Consumer No	Bill Amount	Customer Mobile No		
BESRAJDHA NIPOWERLTD- DELHI	BESR	Consumer No	Bill Amount	Customer Mobile No		
BESYAMUN APOWERLTD -DELHI	BESY	Consumer No	Bill Amount	Customer Mobile No		

NEWDELHIT ATAPOWER	TPND	Consumer r N	Bill Amount	Customer Mobile No		
NEWDELHI M UNICIPALCO UNCIL	NDMC	Consumer r No	Bill Amount	Customer Mobile No		
PUNJABSTA TEPOWER CORPORATIO NLTD	PSPCL	Consumer r No	Bill Amount	Customer Mobile No		
AJMERVIDY UTVITRANNI GAMLTD	AVVNL	Consumer r No	Bill Amount	Customer Mobile No		
BHARATPUR ELECTRICITY SERVICESLT D	RJBES	Consumer r No	Bill Amount	Customer Mobile No		
BIKANERELE CTRICITYSUP PLYLTD	RJBKE	Consumer r No	Bill Amount	Customer Mobile No		
JAIPURVIDY UTVITRANNI GAMLTD	JVVNL	Consumer r No	Bill Amount	Customer Mobile No		
JODHPURVI DYUTVITRA NNIGAMLTD	JDVVN	Consumer r No	Bill Amount	Customer Mobile No		
KOTAELECTR ICITYDISTRIB UTIONLTD	KEDL	Consumer r No	Bill Amount	Customer Mobile No		
TATAPOWER -AJMER	TPADL	Consumer r No	Bill Amount	Customer Mobile No		
TAMILNADU ELECTRICITY BOARD	TNEB	Consumer r No	Bill Amount	Customer Mobile No		
KANPURELE CTRICITYSUP PLYCOLTD	UPKES	Consumer r No	Bill Amount	Customer Mobile No		
NOIDAPOW ERCOMPAN Y	UPNPC	Consumer r No	Bill Amount	Customer Mobile No		
TORRENTPO WER-AGRA	TPAG	Consumer r No	Bill Amount	Customer Mobile No		

UTTARPRAD ESHPOWER CORPLTD- RURAL	UPPLR	Consumer No	Bill Amount	Customer Mobile No		
UTTARPRAD ESHPOWER CORPLTD- URBAN	UPPCL	Consumer No	Bill Amount	Customer Mobile No		
VADODARA GASLIMITED	VADGL					
TELANGANA STATESOUT HERNPOWER DISCOLTD	TSPDC					
TELANGANA CO- OPERATIVE ELECTRIC SUPPLY SOCIETY LTD	TCESS					
TELANGANA NORTH POWER DISTRICT COOPERATIVE LTD	TSNPD					
AIRTEL BROADBAND	ATBB					
ACT BROADBAND	ACTB					
CALCUTTA ELECTRIC SUPPLY CORPORATION	WCESC					
WESTBENGA L STATE ELECTRICITY DISTRIBUTION CORPORATION LTD	WBSED					
BSNL LANDLINE- INDIVIDUAL	BSNLI					
AIRTEL LANDLINE	ARTL					
UTTARAKHA N POWER CORPORATION LTD	UKPCL					

MADHYAKS HETRAVIDY UTVITRAN- URBAN	MKVVU					
SABARMATI GAS	SBGL					