

JODHPUR VIDYUT VITRAN NIGAM LTD.
 Corporate Identity Number (CIN) -U40109RJ2000SGC016483
 Regd. Office : New Power House, Jodhpur- 342003
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No. F.1 () / JdVVNL / Ju. / CAO (B&R) / S. Revenue / D. 378

Dt 21/6/16

ORDER 68

Sub:- Billing of consumers having Net Metering and Grid Connectivity of the Grid connected Rooftop & Small Solar Photovoltaic System (SSPVS).

With a view to ensure smooth billing and proper accounting under commercial order No. JdVVNL/MD/CE(PC-C&P)/SE(RA&C)/JU/2015-16/D. 129 dated 17.04.2015, following instructions are hereby conveyed for strict compliance by all concerned:-

1. General:-

- a. As provided hereinafter, meter reading and billing of SSPVS Consumers shall be manual and only manually prepared bills shall be delivered to such consumers, till further arrangements.
- b. For close watch, monitoring and audit purposes, details of the SSPVS system interconnected consumers will be maintained by the Sub-division in a separate register, as per format enclosed (Annexure-A).
- c. Quantum of energy supplied by JdVVNL to consumer shall be considered as import by the consumer.
- d. Units supply by consumer to JdVVNL shall be treated as units exported by the consumer.
- e. Difference of units (KWH) imported and exported during the billing period shall be treated to be as net import/export by the consumer.
- f. For identification & billing of SSPVS consumers in municipal areas, letter code N (Capital N) shall be suffixed at 6th place of the 6 digit tariff code.
- g. For identification & billing of the above consumers in non-municipal areas, letter code n (small n) shall be suffixed at 6th place of the 6 digit tariff code.
- h. Adjustment of net units exported below 50 units during any billing period shall be made in subsequent billing cycles, however such units shall be carried forward to next billing cycles till credit balance of such exported units is reaches to 50 units.
- i. Energy charges of net energy imported by the consumer during the billing period shall be payable to JdVVNL, as per rates prescribed under prevailing tariff in force.

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- j. In addition of energy charges (item I above), fixed charges, shunt capacitor surcharge, power factor-surcharge, demand surcharge and Govt. levies i.e. E.D./WCC/UC (whichever & wherever applicable) shall also be payable and the same shall be computed on the basis of total units imported by such consumers.
- k. In the event of net meter becoming stopped, burnt, defective, the consumer concerned shall immediately be informed for providing of new meter with requisite testing fees within 15 days of issue of notice for replacement, otherwise adjustment of units exported to JdVVNL shall not be considered till the meter in question is replaced.
- l. Bills issued and not deposited by such consumers shall be dealt under prevailing provisions.
- m. While processing payments/adjustments, it should be taken into the account that units to be paid or adjusted cannot exceed the total units generated. Further, maximum units generated should also not exceed @4.5 units per K.W. per day of the installed capacity. However, excess generation beyond the above capacity be considered after written consent of the XEN concerned after due verification of facts.
- n. AAO (Tax) shall arrange clarification on applicability of taxes and duties recoverable from solar power generator if any, separately. Any arrear amount recoverable from such generation on account of above clarification shall be recovered from their subsequent bills.
- o. The audit wing shall arrange to ensure 100% audit of billing and payments relating to such consumers.

2. Meter reading:-

- a. Till further arrangements are made, meter reading of the SSPVS system consumers shall be taken by the JEN concerned manually, as per billing cycle in force.
- b. For the purpose of meter reading of the aforesaid consumers, a separate register shall be maintained as per columns provided in Annexure-B enclosed.
- c. While taking meter reading, it must be ensured that reading of energy imported, exported, solar power generated and net imported/exported during the billing period are invariably taken on record and is kept properly in safe custody for billing, audit and inspection purposes.

3. Manual billing of net units import:-

- a. Bills of consumers shall be prepared manually by the ARO/billing officer in Annexure-C enclosed (Excel file).
- b. The above bills shall be prepared manually in triplicate, original bill shall be delivered to the consumer concerned under proper acknowledgement whereas second copy shall be retained and kept in a separate file in safe custody for audit and future reference and third

copy shall be sent to the AO concerned with the consolidated billing statement prepared for the month.

- c. After receipt of meter reading register, quantum of units imported and exported will first be worked out after recording meter reading of the import/export (bi-directional) meter.
- d. Difference of units imported/exported during the billing period shall also be worked out to arrive at net units imported/exported by the consumer and shall be shown in the manual bill.
- e. Total units imported by the consumer during the billing shall be the basis of computation of shunt capacitor surcharge, power factor surcharge, demand surcharge, fixed charges and Govt. levies i.e. ED/WCC/UC (whichever & wherever applicable) and shall be similar to the correct system generated bill.
- f. Net units consumed by the consumer shall be billed as per applicable rates of energy charges, besides other charges mentioned under item of above applicable to the consumer.
- g. Whenever computation of net units consumed reflects no value (nil/0 consumption), no energy charge shall be charged from the consumer.
- h. In case of net units exported also, no energy charge shall be charged from the consumer.
- i. Where net exported units by the consumer are less than 50 units in any billing period, no adjustment shall be allowed and such units shall be carried forward to the next billing cycles until the balance of such net exported units are reaches to 50 units.
- j. No Govt. levy i.e. ED, WCC and UC shall be charged on the units generated by consumer or consumed out of generation or net units exported to JdVVNL from his/her Rooftop & Small Solar Photovoltaic System.

4. Prevailing system billing, in case of net units import:-

- a. Bills being generated under the prevailing billing system shall continue as usual for MIS purposes but shall not be delivered to the consumers and shall be kept in a separate file with copy of manual bills in safe custody for audit and future references.
- b. The system generated bills shall however be subject to the followings:-
 - I. Existing meter shall be replaced by the details of import meter.
 - II. Reading recorded towards energy import shall be provided for billing on regular basis, as usual.
 - III. Difference of units and energy charges billed under prevailing billing system and in the manually prepared bill shall be credited immediately through CC&AR and system generated bills shall be got revised. Wherever it is not possible to revise the bill instantly online, difference of such units and energy charges relating to it

shall be credited in the respective consumer's account through CB-4/15, on regular basis without fail.

- c. All the above bills shall also be kept with the office copy of manual bills in a separate file and safe custody.

5. Manual billing, in case of net units export"-

- a. Where units supplied by the consumer to JdVVNL exceed to his/her imports, the consumer shall be billed in the manner prescribed above under item "3".
- b. In such cases, energy charges shall not be levied however remaining charges i.e. amount of fixed charges, shunt capacitor surcharge, power factor surcharge, demand surcharges and Govt. levies chargeable if any, as provided under "3" above in detail shall continue to be assessed as usual and the same shall be equal to the correct bills generated by the prevailing system.
- c. Where net units exported are 50 or above, the same shall be paid in next billing cycle. As such, amount relating to such units payable shall be credited in the consumer's bill (manual) after recording entries in the CC&AR through CB-12 at the rate notified from time to time which is Rs. 6.74 per unit at present.
- d. After adjustment of amount assessed/recoverable from the consumer, remaining amount shall be paid to the consumer concerned, as prescribed hereinafter. Entries recorded in the CCA&R (item "c" above) shall not be passed in respective consumer's account being maintained under prevailing billing system, instead shall onlu be shown in the manual bill to be delivered to the consumers and the consolidated billing statement to be sent to the circle AO for payment, as provided hereinafter.
- e. The credit passed as above through CB-12 (item 'c' above) shall be entered by the Sub-division in a specific and separate CC&AR. Further, separate pages shall also be utilized for the purpose of recording credit entries billing month wise and preparation of abstract of such monthly entries for proper reconciliation.

6. Adjustment under prevailing billing system, in case of net export:-

- a. In case of net units export, units shown to be consumed and energy charges computed by the system is not chargeable. Therefore, entire units and energy charges shown in correct system generated bills are liable to be credited.
- b. In view of above (item a above), entire units and energy charges billed and shown under prevailing billing system shall be credited immediately through CC&AR and system generated bills shall be got revised. Wherever it is not possible to revise the bill instantly online, difference of such units and energy charges relating to it shall be credited in the

respective consumer's account through CB-4/15, on regular basis without fail.

- c. Amount of assessment (excepting energy charges credited under item b above) shall further be adjusted under prevailing billing arrangements. For this purpose amount remained payable by the consumer shall also be immediately adjusted through input device CB-12 under transaction code 79, As such the bills shall be revised instantly online, after recording entries in the CC&AR. Wherever instant online revision of the bill is not possible, respective consumer's account shall be credited through CB-12 on regular basis without fail. The ARO/billing officer shall ensure that JV of the above transaction is provided to the circle AO concerned with MIS/FVC (as the case may be), for payment/adjustment.
- d. A new item shall be added under debit side of the existing JV relating to MIS-3.2 indicating transaction code 79, power purchased from "Small Solar Photovoltaic (SSPVS) generators" accounting code 70.181 under the columns already prescribed for the transaction code, particulars of adjustment and head of account respectively in the existing JV of MIS-3.2.
- e. The Unit officer and ARO concerned shall be personally responsible for the correctness of the credits allowed and maintaining/providing of relevant records prescribed under this order for audit and further reference.
- f. The unit officer and ARO shall also be responsible to ensure that monthly JVs relating to the transaction code 79 is provided to the circle AO concerned with MIS 3.2/FVC.

7. Payment/adjustment of units exported & lying credit to consumers:-

In the event of consumer disconnected permanently or where payment/adjustment of exported units remained in excess of 50 units in any billing cycle is to be made, amount of such surplus units shall first be adjusted the current/outstanding dues if any and balance amount shall be paid to the consumer, taking into account the followings:-

- a. A consolidated billing statement of all the aforesaid manually billed consumers shall be prepared by the unit officer every month in Annexure-D and shall be send to the circle A.O. concerned, latest by 20th of each month.
- b. The above consolidated billing statement shall also bear bill number and date and shall be supported with the copies of the manual bills delivered to consumers. All the papers shall be signed by the AEN and ARO, both.
- c. Annexure-D received by the circle AO as per item "a" above shall be considered as consolidated invoice towards power purchase bills of consumers.

- d. After checking of bills, necessary scrutiny and debiting to accounting head "power purchased from Small Solar Photovoltaic System (SSPVS) generators", code 70.181, net payable amount shall be paid to the consumer concerned, by the Accounts Officer through cheque/NEFT.
- e. All the circle Accounts officers shall further ensure to compile month wise and year wise information relating to consolidated billing statements of all the Sub-divisions under their jurisdiction, besides making provisions for the amount remained "payable to SSPVS generators" due to units carried forward to the next financial year, under code 46.394.

Enclosure:- As Aforesaid

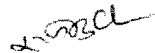


(R.K. DHADHA)

**Chief Accounts Officer (B&R)
Jodhpur Discom, Jodhpur.**

Copy submitted/forwarded to the following for information and necessary action:-

1. The Chief Engineer (), Jodhpur Discom, Jodhpur.
2. The SE(IT), Jodhpur Discom, Jodhpur.
3. TA to MD/Director (Technical), Jodhpur Discom, Jodhpur.
4. The Superintending Engineer (), Jodhpur Discom, for onward transmission to the officers concerned under jurisdiction.
5. The Sr. A.O./A.O. (), Jodhpur Discom,
6. M/s HCL/Data Infosys/BCITS.....



**Chief Accounts Officer (B&R)
Jodhpur Discom, Jodhpur.**

Annexure-A

JODHPUR VIDYUT VITRAN NIGAM LIMITED

Name of Sub division:

S.No.	Name of Consumer	Address	Account No.	K.No.	Tariff code	Sanctioned load	Installed capacity (KW) of solar power generator	Name of DT & its capacity	Date of connection of net metering	Billing cycle Monthly/By Monthly	Whether check meter installed or not	Manual bill file No.	Bank Account No.	Name of Bank	IFS code	Tel./mobile No.	e-mail address

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Account No.

PRESERVE YOUR COPY OF CASH RECEIPTS
MEMORANDUM OF TRANSACTION FOR ANNUAL REPORT FOR FINANCIAL INSTITUTION

Account No.

Name of Sub-Broker: _____
 Name & Address of City: _____

Date of Recd.	Name of payee	Metric Symbol	80 Depository/Match Meter				81 Depository/Match Meter				82 Depository/Check Meter/Bill				83 Depository/Check Meter/Bill				Sub-Meter Description (See Note)	Meters	Meters Change (Meters)
			Amount Recd. (CASH)	Amount Recd. (CASH)	Amount Recd. (CASH)	Amount Recd. (CASH)	Amount Recd. (CASH)	Amount Recd. (CASH)	Amount Recd. (CASH)	Amount Recd. (CASH)	Amount Recd. (CASH)	Amount Recd. (CASH)	Amount Recd. (CASH)	Amount Recd. (CASH)	Amount Recd. (CASH)	Amount Recd. (CASH)	Amount Recd. (CASH)	Amount Recd. (CASH)			
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Office of issue:-

Bill Issue date:-

Tel No

Fax No.

Annexure-C

Due Date:-

1 Name & address of consumer:-				21	Energy Charges:-					Amount recoverable	
				I	Unit	Rate	Amount				
				II					0		
				III					0		
				IV					0		
				V					0		
				Total					0	0	
2	Account No.			22	Fixed Ch:-	AMCFY	SCL-KW	SCL-HP	Billing demand		
3	K.No.				Rate:-	NA					
4	Tarrif Code				Amount:-		0	0	0	0	
5	Feeder Code			23	Shunt capacitor surcharge						
6	Sanctioned Connected Load (KW)			I	Demand surcharge						
				II	Power factor surcharge						
				III	Other charges if any					0	
				IV	Total Nigam dues						
7	Installed capacity of solar P.G. (KW)			24	Govt. levies:-						
8	Contract demand			I	E.D.						
9	Billing Period			II	W.C.C.						
10	Date of meter reading			III	U.C.						
11	Bi-directional meter No.			IV	Other Govt. levies if any						
12	C.KWH Recorded	KWH Import(a)	KWH Export (b)	V	Total Govt. levies					0	
13	Present Reading	15	13	25	Other devits if any						
14	Previous Reading	10	7	26	Other credits if any						
15	Difference (13-14)	5	6	27	Balance from previous month (arrears)						
16	Multiplying Factor	2	3	28	Net Recoverable amount from consumer by due date						
17	Total KWH import/export	10	13	29	Amount payable due to eligible units exported to JdVVNL(-)						
18	Net import/Export			30	DPS/LPS leviable after due date						
19	Maximum demand			31	Total recoverable amount after due date					0	
20	Power Factor		Not Required	32	NET AMOUNT PAYABE BY JdVVNL (29-28)						
1	SSPVS generator meter No.:-			33	Units brought forward, adjusted and carry forward for adjutment in next billing period						
2	Present Reading		15	34	B.F.	Excess export this month	Total	Adjusted	C.F.		
3	Previous Reading		10				0		0		
4	Net generation (2-3)		5								
	Signature of	L.K.	ARO				AEN			E&OE	

