Circular: NPCI/2021-22/BBPS/002   **30th April 2021**

To,
All BBPOUs
Bharat Bill Payment System

Dear Sir/Madam,

Renewal of BBPCU SSL & Signer Certificates at BBPOU on "7th May 2021"

Background: By using certificates for encryption & digital signatures, Servers can send & receive data that can be trusted, and can help ensure that the data it processes is secure. For both encryption & digital signatures, there is a public & private key certificate pair. Based upon the recent communications, all the OU's acknowledged their readiness and also shared their SPOC's especially for this activity.

Details: BBPCU has always endeavoured to incorporate industry standard best practice with regard to security especially in the context of Data at Rest & Data in Transit that are encrypted to prevent any lapses. As part of Industry Security Standards the encryption keys (both Public & Private) need to be mandatorily changed periodically. In this regard, the BBPCU Public Keys needs to be changed (by the BBPOUs in their respective systems, on 7th May 2:00 am – Friday early in the morning) as they are set to expire.

The SSL & Signer certificates are used to ensure Confidentiality and integrity of all the BBPS transactions exchanged between BBPCU and BBPOUS or any other directly participating entities. Renewal of BBPCU certificates requires BBPOUs to configure the new certificates (Public Key Component) at a designated time, as mentioned above. This requires a synchronised effort on part of all the entities to avoid any potential drop of Bill Payment Transactions across the Eco System.

As already intimated over a series of communications over mails & calls, members are advised to enable their systems to configure both old and new BBPCU certificates at BBPOU end during the course of certificate change activity at BBPCU (on 7th May 2:00 am – Friday early in the morning) to ensure that the renewal is seamless.

Barring a small blip, there should not be any downtime at BBPOU level and member OU's should be able to process transactions successfully enabled by the new certificate. Old certificate can be removed from the system after specific period of time (say 2 weeks) which would be reconfirmed by BBPCU.

In case if you are having any further queries in this regard, you are welcome to reach the below designated representatives in this regard.

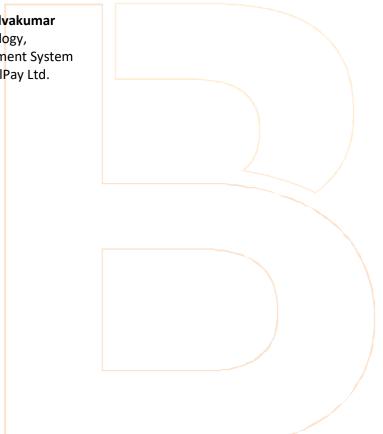| Support	Name	Contact No	Mail ID
Level – 1	Nanda Kishore	88852 40601	nanda.kishore@npci.org.in
	Akesh	97423 01656	akesh.kumar@npci.org.in
	Nandha Kumar	97889 71805	nandha.kumar@npci.org.in

SSL - Secure Sockets Layer, a global standard security technology that enables encrypted connection & communication between two entities.

Signer – A Certificates issued to organizational applications for automatically authenticate information attributed to the organization by using the Signature applied on the Information.

Yours faithfully

Arulananda Selvakumar
Head – Technology,
Bharat Bill Payment System
NPCI Bharat BillPay Ltd.