

E/NRSE/Tech/1-3(1)/

dated the February, 2012.

Ref No:

NOTE**SPV Power Plant at Neil Island :**

The Electricity Department A&N Island was installed 1 No. 50KWp Grid Stand Alone SPV Power Plant in Neil Island during April, 2002. The plant was supplied, installed and commissioned by M/s BHEL, Bangalore. The AMC for three years was also with M/s BHEL, Bangalore from the commissioning date. This power plant become non functional since 28/10/2010 due to failure of electronics. M/s PPS Enviro Power Pvt. Ltd., Hyderabad agreed to repair the plant and also for the AMC. M/s PPS Enviro Power Pvt. Ltd., Hyderabad sent a draft agreement for AMC, but the Performance Guarantee required for AMC have not been submitted by M/s PPS Enviro Power Pvt. Ltd., Hyderabad till date and hence, AMC agreement could not be signed with M/s PPS Enviro Power Pvt. Ltd., Hyderabad and this plant is still remained non-functional. The total generation from this Power Plant till the date it is non functional is 395847.53 units. The last three years power generation from this SPV power plant from the date the plant has become non functional i.e from 2008 to 2010 is 111874.4 units.

SPV Power Plant at Havelock Island :

The 50KWp Grid Stand Alone Power Plant was installed during August, 2004. This plant was supplied, installed and commissioned by M/s BHEL, Bangalore and was having AMC for three years from the date of commissioning. The condition of batteries in battery bank was deteriorating and to avoid the additional expenditure for replacement of batteries, the department has taken a decision to convert the power plant from GSA to GCI mode during April, 2010. On the recommendation of M/s BHEL, Bangalore, M/s PPS Enviro Power Pvt. Ltd., Hyderabad representative of OEM for electronics of SPV power plant in India, the conversion work was awarded to the firm M/s PPS Environ Power Pvt. Ltd., Hyderabad converted this plant from GSA to GCI mode and the plant after running for ten to twelve days, the IGBT failed. M/s PPS Enviro Power Pvt. Ltd., Hyderabad after several requisition from Electricity department again attended the fault during January, 2010 but the plant become non-operational after running for about one week due to failing of the IGBT again. M/s PPS Enviro Power Pvt. Ltd., Hyderabad further did not send service engineer/technician to Port Blair even after several requests orally over telephone and written letters for taking up necessary repair and the plant remained non functional till date. The total generation till March, 2008 from this power plant is 134311.8 units. The last three years from the date of this plant became non functional i.e 2006 to 2008 is 88145.4 units.

The yearly generation of power from Neil Island and Havelock SPV Power Plant is given below:

1. 50 KWp SPV power plant at Neil Island:

2002	30939.6
2003	68089.93
2004	65289.7
2005	13437.2
2006	52542.5
2007	53783.2
2008	48599.9
2009	52857.8
2010(up to September)	10417.5

The expenditure towards AMC for Neil Island power house after installation is Rs. 9.96 lakhs.

2. 50 KWp SPV power plant at Havelock :

The yearly power generation from this power plant is given below:

2004	6166.4
2005	40000.0
2006	33452.5
2007	43064.3
2008 (up to March)	11628.6

The expenditure for service charges towards AMC is Rs. 4.76 lakhs, battery replacement for this plant and conversion from GCA to GCI mode is Rs. 8.31 lakhs.