

POWER PURCHASE COST ADJUSTMENT FOR DAMAN & DIU

The commission is of the view that any increase in power purchase costs on account of increase in fuel cost has to be passed over to the consumer

The power purchase cost adjustment (PPCA) formula is given below:

$$\text{PPCA (Rs/KWH)} = \frac{\text{QPP(RPP2-RPP1)}}{[\text{QPP1 (1-L)} + \text{QPP2(1-L1)}] - \text{PSE}}$$

Where,

QPP: Quantum of power purchase from different source and fed to EDD system (MUs) (QPP1+QPP2)

QPP1: Quantum of power purchase minus (Unscheduled interchange)

QPP2: Unscheduled interchange

RPP1: Average rate of power purchase as approved by the Commission (Rs / KWH)

RPP2: Average rate of power purchase during the adjustment period (Rs / KWH)

L: T & D loss plus pooled losses as approved by the commission

L1: T & D loss as approved by the commission

PSE: Power sold to exempted categories. (BPL and Agriculture)

Power purchased for 2nd Quarter (Sept 2011 to Nov.2011)

Month	Units	Cost in Rs Crs
September 2011	171.86	68.33
October 2011	178.84	77.95
November 2011	205.37	79.07
Total	556.07	225.35

CALCULATION FOR PPCA

QPP1	MUs	527.47
QPP2 (UI)	MU	28.6
QPP	MU	556.07
RPP2 =[225.35/556.07]	(Rs/KWH)	4.05
RPP1(as table no 5.11 Pg 30)	(Rs/KWH)	2.73
PSE	MU	0.781
L		0.139
L1		0.0975
PPCA (Rs/KWH)		1.53

Therefore, the PPCA for the second quarter is 1.53 Rs/KWH