

#### 4.2(a) Net Injection by RSTPS

Sl. No.	Point of Injection	Feeder/ICT/GTs/TTs	Main Meter	Check Meter, if any	Standby Meter	Remarks
1	RSTPS Stage I,II & III	400 kV side of ICT-I	(AP-07)	(RM-28)	#(AP-08)	#Meters connecte
		400 kV side of ICT-II	(AP-09)	(RM-29)	#(AP-10)	
		400 kV side of ICT-III	(AP-11)	(RM-30)	(AP-12)	
		400 kV side of ICT-IV	(AP-13)	(RM-31)	(AP-14)	
		400 kV side of ICT-V	(AP-15)	(RM-32)	(AP-16)	
		400 kV Bhadrawati line-I	(RM-11)	(RM-21)	(WR-33)	
		400 kV Bhadrawati line-II	(RM-12)	(RM-22)	(WR-34)	
		400 kV N'Sagar line-I	(RM-13)	(RM-23)	(SR-28)	
		400 kV N'Sagar line-II	(RM-14)	(RM-24)	(SR-29)	
		400 kV Gajwel line	(RM-15)	(RM-25)	(AT-02)	
		400 kV Malkaram line	(RM-16)	(RM-26)	(AT-17)	
		400 kV Hyderabad line-III	(RM-18)	(RM-38)	(SR-22)	
		400 kV Hyderabad line-IV	(RM-19)	(RM-39)	(SR-23)	
		400 kV Warangal line	(RM-17)	(RM-27)	(SR-83)	
		400 kV Ditchipalli line	(RM-20)	(RM-40)	(AP-49)	
		400 kV side of GT-1			(RM-01)	
		400 kV side of GT-2			(RM-02)	
		400 kV side of GT-3			(RM-03)	
		400 kV side of GT-4			(RM-04)	
		400 kV side of GT-5			(RM-05)	
400 kV side of GT-6			(RM-06)			
400 kV side of TT-1			(RM-07)			
400 kV side of TT-2			(RM-08)			
400 kV side of TT-3			(RM-09)			
2	RSTPS Stage III	400 kV side of GT-7	(RM-47)			
		400 kV side of TT-4	(RM-49)			

#### Total Injection by RSTPS

(a) Injection of RSTPS by using Main meters (RM-91)\* = (AP-07)+(AP-09)+(AP-11)+(AP-13)+(AP-15) + (RM-11)+(RM-12)+(RM-13)+(RM-14) +(RM-15)+(RM-16)+(RM-17)+(RM-18)+(RM-19)+(RM-20)-(RM-47)+(RM-49)

(b) Injection of RSTPS by using Check meters (RM-94)\*= (RM-28)+(RM-29)+(RM-30)+(RM-31)+ (RM-32) +(RM-21)+(RM-22)+(RM-23)+(RM-24)+(RM-25)+(RM-26)+(RM-27)+(RM-38)+(RM-39)+(RM-40)-(RM-47)+(RM-49)

(c) Injection of RSTPS by using Standby meters on GT side (RM-95)\* = (RM-01)+(RM-02)+ (RM-03)+(RM-04)+ (RM-05)+(RM-06)+(RM-47)-(RM-07)-(RM-08)-(RM-09)-(RM-49)

**Injection by RSTPS Stage -III (RM-93)\*= (RM-47)-(RM-49)**

**Injection by RSTPS Stage -I&II (RM-92)\*= (RM-91)-(RM-93)**