

Net Injection of ISGS & BBMB Stations in Northern Region				
Meter category	Name of feeder/ICTs	Location code	Description	Remarks
1. Singrauli STPS (NTPC)				
Main Meters	132kV Renusagar	SI-01	Singrauli net injection using MAIN meters	
	132 kV V'chal/Rihand	SI-02		
	400kV Allahabad - 1	SI-03		
	400kV Allahabad - 2	SI-04		
	400kV Rihand - 1	SI-05		
	400kV Rihand - 2	SI-06		
	400kV Lucknow	SI-07		
	400kV Vindychal	SI-08		
	400kV Anpara	SI-09		
Check Meters	132kV Renusagar	SI-01	Singrauli net injection using CHECK meters	
	132 kV V'chal/Rihand	SI-02		
	400kV Allahabad - 1	SI-11		
	400kV Allahabad - 2	SI-12		
	400kV Rihand - 1	SI-13		
	400kV Rihand - 2	SI-14		
	400kV Lucknow	SI-15		
	400kV Vindychal	SI-16		
	400kV Anpara	SI-17		
Standby Meters	GT-1 (400kV)	SI-21	Singrauli net injection using Stand by meters	Meters SI-28 & SI-29 on ICTs - 1 and 2 are yet to be commissioned
	GT-2 (400kV)	SI-22		
	GT-3 (400kV)	SI-23		
	GT-4 (400kV)	SI-24		
	GT-5 (400kV)	SI-25		
	GT-6 (400kV)	SI-26		
	GT-7 (400kV)	SI-27		
	ICT-1 (400kV)	-SI-28		
	ICT-2 (400kV)	-SI-29		
	132kV Pipri	SI-01/ (-1.03*UP-43)		
	132 kV V'chal/Rihand	SI-02/ (-1.03*RI-05)		
	2. Rihand STPS (NTPC)			
Main Meters	400kV Singrauli - 1	RI-01	Rihand net injection using MAIN meters	
	400kV Singrauli - 2	RI-02		
	400kV HVDC - 1	RI-03		
	400kV HVDC - 2	RI-04		
	132 kV V'chal/Singrauli	RI-05		
Check Meters	400kV Singrauli - 1	RI-11	Rihand net injection using CHECK meters	
	400kV Singrauli - 2	RI-12		
	400kV HVDC - 1	RI-13		
	400kV HVDC - 2	RI-14		
	132 kV V'chal/Singrauli	RI-05		
Standby Meters	GT-1 (400kV)	RI-21	Rihand net injection using STANDBY meters	Meters GTs 1 & 2 and ICTs - 1 & 2 are yet to be commissioned
	GT-2 (400kV)	RI-22		
	ICT-1 (400kV)	-RI-23		
	ICT-2 (400kV)	-RI-24		
	132 kV V'chal/Singrauli	RI-05/(-1.03*SI-02)		

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3. Auraiya CCGPP (NTPC)				
Main Meters	220kV Agra - 1	AU-01	Auraiya net injection using MAIN meters	
	220kV Agra - 2	AU-02		
	220kV UPPC - 1	AU-03		
	220kV UPPC - 2	AU-04		
	220kV Malanpur - 1	AU-05		
	220kV Malanpur - 2	AU-06		
	ICT-1 (220kV)	AU-07		
	ICT-2 (220kV)	AU-08		
	220kV Phaphund (Rail)-1	AU-09		
	220kV Phaphund (Rail)-2	AU-10		
Check Meters	220kV Agra - 1	AU-11	Auraiya net injection using CHECK meters	
	220kV Agra - 2	AU-12		
	220kV UPPC - 1	AU-13		
	220kV UPPC - 2	AU-14		
	220kV Malanpur - 1	AU-15		
	220kV Malanpur - 2	AU-16		
	ICT-1 (220kV)	AU-17		
	ICT-2 (220kV)	AU-18		
	220kV Phaphund (Rail)-1	AU-19		
	220kV Phaphund (Rail)-2	AU-20		
Standby Meters	GT-1 (220kV)	AU-21	Auraiya net injection using STANDBY meters	
	GT-2 (220kV)	AU-22		
	GT-3 (220kV)	AU-23		
	GT-4 (220kV)	AU-24		
	GT-5 (220kV)	AU-25		
	GT-6 (220kV)	AU-26		
	ST-1 (220kV)	-AU-27		
	ST-2 (220kV)	-AU-28		
4. Anta CCGPP (NTPC)				
Main Meters	220kV Sawaimadhopur	AN-01	Anta net injection using MAIN meters	
	220kV Dausa	AN-02		
	220kV Bhilwara-1	AN-03		
	220kV Bhilwara-2	AN-04		
	220kV Kota	AN-05		
	220kV RAPS-B	AN-06		
Check Meters	220kV Sawaimadhopur	AN-11	Anta net injection using CHECK meters	
	220kV Dausa	AN-12		
	220kV Bhilwara-1	AN-13		
	220kV Bhilwara-2	AN-14		
	220kV Kota	AN-15		
	220kV RAPS-B	AN-16		
Standby Meters	GT-1 (220kV)	AN-21	Anta net injection using Standby meters	
	GT-2 (220kV)	AN-22		
	GT-3 (220kV)	AN-23		
	GT-4 (220kV)	AN-24		
5. Dadri TPS (NTPC)				
Main Meters	ICT-1 (400kV)	-DA-01	Dadri(I) net injection using MAIN meters	
	ICT-2 (400kV)	-DA-02		
	ICT-5 (400kV)	-DA-10		
	220kV feeder - Gas to Thermal	-DA-09		
Standby Meters	ICT-1 (220kV)	DA-21	Dadri(I) net injection using STANDBY meters	
	ICT-2 (220kV)	DA-22		
	220kV Bus-3 Sectionaliser	DA-27		
	220kV Bus-4 Sectionaliser	DA-28		

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6. Dadri CCGPP (NTPC)				
Main Meters	ICT-3 (400kV)	-DA-03	Dadri(G) net injection using MAIN meters	
	ICT-4 (400kV)	-DA-04		
	220kV Railways - 1	DA-07		
	220kV Railways - 2	DA-08		
	220kV feeder - Gas to Thermal	DA-09		
Standby Meters	ICT-3 (220kV)	DA-23	Dadri(G) net injection using STANDBY meters	
	ICT-4 (220kV)	DA-24		
	220kV Railways - 1	DA-07/ (-1.03*DA-25)		
	220kV Railways - 2	DA-08/ (-1.03*DA-26)		
	ICT-5 (400kV)	-DA-10		
	220kV Bus-3 Sectionaliser	-DA-27		
	220kV Bus-4 Sectionaliser	-DA-28		
7. Unchahar I TPS (NTPC)				
Main meters	220kV Lucknow	UN-01	Unchahar I net injection using MAIN meters	
	220kV Chinhhat	UN-02		
	220kV Fatehpur-1	UN-03		
	220kV Fatehpur-2	UN-04		
	Bus-I sect. (220kV)	UN-05		
	Bus-II sect. (220kV)	UN-06		
Check Meters	220kV Lucknow	UN-11	Unchahar I net injection using CHECK meters	
	220kV Chinhhat	UN-12		
	220kV Fatehpur-1	UN-13		
	220kV Fatehpur-2	UN-14		
	Bus-I sect. (220kV)	UN-15		
	Bus-II sect. (220kV)	UN-16		
Standby Meters	GT-1 (220kV)	UN-21	Unchahar I net injection using STANDBY meters	
	GT-2 (220kV)	UN-22		
	ST-1 (220kV)	-UN-25		
	ST-2 (220kV)	-UN-26		
8. Unchahar II TPS (NTPC)				
Main Meters	220kV Kanpur-1	UN-07	Unchahar II net injection using MAIN meters	
	220kV Kanpur-2	UN-08		
	220kV Kanpur-3	UN-09		
	220kV Kanpur-4	UN-10		
	Bus-I sect. (220kV)	-UN-05		
	Bus-II sect. (220kV)	-UN-06		
Check Meters	220kV Kanpur-1	UN-17	Unchahar II net injection using CHECK meters	
	220kV Kanpur-2	UN-18		
	220kV Kanpur-3	UN-19		
	220kV Kanpur-4	UN-20		
	Bus-I sect. (220kV)	-UN-15		
	Bus-II sect. (220kV)	-UN-16		
Standby Meters	GT-3 (220kV)	UN-23	Unchahar II net injection using STANDBY meters	
	GT-4 (220kV)	UN-24		
	ST-3 (220kV)	-UN-27		
	ST-4 (220kV)	-UN-28		

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9. Bairasiul HEP (NHPC)				
Main Meters	220kV Pong	BS-01	Bairasuil net injection using MAIN meters	
	220kV Jessore	BS-02		
Check Meters	220kV Pong	BS-11	Bairasuil net injection using CHECK meters	
	220kV Jessore	BS-12		
Standby Meters	Genr-1 (11kV)	BS-21	Bairasuil net injection using STANDBY meters	Appropriate multiplying factor to be used
	Genr-2 (11kV)	BS-22		
	Genr-3 (11kV)	BS-23		
10. Salal HEP (NHPC)				
Main Meters	220kV Jammu-1	SL-01	Salal net injection using MAIN meters	
	220kV Jammu-2	SL-02		
	220kV Kishenpur-1	SL-03		
	220kV Kishenpur-2	SL-04		
	220kV Kishenpur-3	SL-05		
	220kV Kishenpur-4	SL-06		
Check Meters	220kV Jammu-1	SL-11	Salal total net injection CHECK meters	
	220kV Jammu-2	SL-12		
	220kV Kishenpur-1	SL-13		
	220kV Kishenpur-2	SL-14		
	220kV Kishenpur-3	SL-15		
	220kV Kishenpur-4	SL-16		
Standby Meters	Genr-1 (11kV)	SL-21	Salal net injection using STANDBY meters	Appropriate multiplying factor to be used
	Genr-2 (11kV)	SL-22		
	Genr-3 (11kV)	SL-23		
	Genr-4 (11kV)	SL-24		
	Genr-5 (11kV)	SL-25		
	Genr-6 (11kV)	SL-26		
11. Tanakpur HEP (NHPC)				
Main Meters	220kV CBGunj-1	TP-01	Tanakput net injection using MAIN meters	
	220kV CBGunj-2	TP-02		
	132kV Nepal	TP-03		
Check Meters	132kV Nepal	TP-11	Tanakput net injection using CHECK meters	
	220kV CBGunj-1	TP-12		
	220kV CBGunj-2	TP-13		
Standby Meters	Genr-1 (11kV)	TP-21	Tanakput net injection using STANDBY meters	Appropriate multiplying factor to be used
	Genr-2 (11kV)	TP-22		
	Genr-3 (11kV)	TP-23		
12. Chamera - I HEP (NHPC)				
Main Meters	400kV Jalandhar-1	CM-01	Chamera - I HEP net injection using MAIN meters	
	400kV Jalandhar-2	CM-02		
	400kV Kishenpur	CM-03		
Check Meters	400kV Jalandhar-1	CM-11	Chamera - I HEP net injection using CHECK meters	
	400kV Jalandhar-2	CM-12		
	400kV Kishenpur	CM-13		
Standby Meters	Genr-1 (13.8kV)	CM-21	Chamera - I HEP net injection using STANDBY meters	Appropriate multiplying factor to be used
	Genr-2 (13.8kV)	CM-22		
	Genr-3 (13.8kV)	CM-23		
13. Chamera - II HEP (NHPC)				
Main Meters	GT - 1 (400 kV)	CM-04	Chamera - II HEP net injection using MAIN meters	
	GT - 2 (400 kV)	CM-05		
	GT - 2 (400 kV)	CM-06		
Check Meters	GT - 1 (400 kV)	CM-14	Chamera - II HEP net injection using CHECK meters	
	GT - 2 (400 kV)	CM-15		
	GT - 2 (400 kV)	CM-16		
Standby Meters	400 kV Kishenpur	CM-21	Chamera - II HEP net inj. using STANDBY meters	Appropriate multiplying factor to be used
	400 kV Chamera I	CM-22		

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Meter category	Name of feeder/ICTs	Location code	Description	Remarks
14. Uri HEP (NHPC)				
Main meters	400kV Wagoora-1	UR-01	Uri net injection using MAIN meters	
	400kV Wagoora-2	UR-02		
Check Meters	400kV Wagoora-1	UR-11	Uri net injection using CHECK meters	
	400kV Wagoora-2	UR-12		
Standby Meters	Genr-1 (13.8kV)	UR-21	Uri net injection using STANDBY meters	Appropriate multiplying factor to be used
	Genr-2 (13.8kV)	UR-22		
	Genr-3 (13.8kV)	UR-23		
	Genr-4 (13.8kV)	UR-24		
15. Dulhasti HEP (NHPC)				
Main Meters	GT - 1 (400 kV)	DU-01	Dulhasti HEP net injection using MAIN meters	
	GT - 2 (400 kV)	DU-02		
	GT - 2 (400 kV)	DU-03		
Check Meters	GT - 1 (400 kV)	DU-11	Dulhasti HEP net injection using CHECK meters	
	GT - 2 (400 kV)	DU-12		
	GT - 2 (400 kV)	DU-13		
Standby Meters	400 kV Kishenpur	DU-21	Dulhasti HEP net injection using STANDBY meters	Appropriate multiplying factor to be used
	400 kV Chamera I	DU-22		

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Meter category	Name of feeder/ICTs	Location code	Description	Remarks
16. RAPS-B (NPC)				
Main meters	GT-1 (220kV)	RA-01	RAPS-B net injection using MAIN meters	
	GT-2 (220kV)	RA-02		
	ST-1 (220kV)	-RA-03		
	ST-2 (220kV)	-RA-04		
Check Meters	GT-1 (220kV)	RA-11	RAPS-B net injection using CHECK meters	
	GT-2 (220kV)	RA-12		
	ST-1 (220kV)	-RA-13		
	ST-2 (220kV)	-RA-14		
Standby Meters	220kV Chittaurgarh-1	RA-21	RAPS-B net injection using STANDBY meters	
	220kV Chittaurgarh-2	RA-22		
	220kV Udaipur	RA-23		
	220kV Anta	RA-24		
	220kV Kota	RA-25		
	220kV RAPS-A	RA-26		
17. NAPS (NPC)				
Main meters	GT-1 (220kV)	NA-01	NAPS net injection using MAIN meters	
	GT-2 (220kV)	NA-02		
	ST-1 (220kV)	-NA-03		
	ST-2 (220kV)	-NA-04		
Check Meters	GT-1 (220kV)	NA-11	NAPS net injection using CHECK meters	
	GT-2 (220kV)	NA-12		
	ST-1 (220kV)	-NA-13		
	ST-2 (220kV)	-NA-14		
Standby Meters	220kV Simbhauli	NA-21	NAPS net injection using STANDBY meters	
	220kV Khurja-1	NA-22		
	220kV Khurja-2	NA-23		
	220kV Harduaganj	NA-24		
	220kV Moradabad	NA-25		
18. Naptha Jhakri HEP (SJVNL)				
Main meters	GT-1 (400kV)	NJ-01	NJHEP net injection using MAIN meters	
	GT-2 (400kV)	NJ-02		
	GT-3 (400kV)	NJ-03		
	GT-4 (400kV)	NJ-04		
	GT-5 (400kV)	NJ-05		
	GT-6 (400kV)	NJ-06		
Check Meters	GT-1 (400kV)	NJ-11	NJHEP net injection using CHECK meters	
	GT-2 (400kV)	NJ-12		
	GT-3 (400kV)	NJ-13		
	GT-4 (400kV)	NJ-14		
	GT-5 (400kV)	NJ-15		
	GT-6 (400kV)	NJ-16		
Standby Meters	400 kV Baspa HEP - 1	NJ-11	NJHEP net injection using STANDBY meters	
	400 kV Baspa HEP - 2	NJ-12		
	400 kV Abdullapur - 1	NJ-13		
	400 kV Abdullapur - 2	NJ-14		
	400 kV Nalagarh - 1	NJ-15		
	400 kV Nalagarh - 2	NJ-16		
19. Tehri HEP (THDC)				
Main meters	GT-1 (400kV)	NJ-01	NJHEP net injection using MAIN meters	
	GT-2 (400kV)	NJ-02		
	GT-3 (400kV)	NJ-03		
	GT-4 (400kV)	NJ-04		
Check Meters	GT-1 (400kV)	NJ-11	NJHEP net injection using CHECK meters	
	GT-2 (400kV)	NJ-12		
	GT-3 (400kV)	NJ-13		
	GT-4 (400kV)	NJ-14		
Standby Meters	800 kV Meerut - 1	NJ-11	NJHEP net injection using STANDBY meters	
	800 kV Meerut - 2	NJ-12		

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Meter category	Name of feeder/ICTs	Location code	Description	Remarks
20. Bhakra Left Bank HEP (BBMB)				
Main Meters	GT-1(66 kV)	BH-01	Bhakra Left net injection using MAIN meters	
	GT-2(66 kV)	BH-02		
	GT-3(220 kV)	BH-03		
	GT-4 (220kV)	BH-04		
	GT-5(220 kV)	BH-05		
	Aux. Trans.-1(66kV)	-BH-06		
	Aux. Trans.-2(66kV)	-BH-07		
Check Meters	GT-1(66 kV)	BH-31	Bhakra Left net injection using CHECK meters	
	GT-2(66 kV)	BH-32		
	GT-3(220 kV)	BH-33		
	GT-4 (220kV)	BH-34		
	GT-5(220 kV)	BH-35		
	Aux. Trans.-1(66kV)	-BH-36		
	Aux. Trans.-2(66kV)	-BH-37		
Standby Meters	66 kV NFF-1	BH-09	Bhakra Left net injection using STANDBY meters	
	66 kV NFF-2	BH-10		
	66 kV PACL	BH-11		
	66 kV Rakkar	HP-15		
	220 kV Ganguwal-1	BH-12		
	220 kV Ganguwal-2	BH-13		
	220 kV Ganguwal-3	BH-14		
21. Bhakra Right Bank HEP (BBMB)				
Main Meters	GT-6(220 kV)	BH-15	Bhakra Right net injection using MAIN meters	
	GT-7(220 kV)	BH-16		
	GT-8(220 kV)	BH-17		
	GT-9(220 kV)	BH-18		
	GT-10(220 kV)	BH-19		
Check Meters	GT-6(220 kV)	BH-41	Bhakra Right net injection using CHECK meters	
	GT-7(220 kV)	BH-42		
	GT-8(220 kV)	BH-43		
	GT-9(220 kV)	BH-44		
	GT-10(220 kV)	BH-45		
Standby Meters	220 kV Ganguwal-4	BH-20	Bhakra Right net injection using STANDBY meters	
	220 kV Ganguwal-5	BH-21		
	220 kV Jamalpur-1	BH-22		
	220 kV Jamalpur-2	BH-23		
	220 kV Mahilpur-1	BH-24		
	220 kV Mahilpur-2	BH-25		
22. Ganguwal HEP (BBMB)				
Main Meters	GT-1(132 kV)	GW-01	Ganguwal net injection using MAIN meters	
	GT-2(132 kV)	GW-02		
	GT-3(132 kV)	GW-03		
Check Meters	GT-1(132 kV)	GW-11	Ganguwal net injection using CHECK meters	
	GT-2(132 kV)	GW-12		
	GT-3(132 kV)	GW-13		
Standby Meters	ICT-1(132 kV)	GW-21	Ganguwal net injection using STANDBY meters	
	ICT-2(132 kV)	GW-22		
	132 kV Kotla-1	GW-23		
	132 kV Kotla-2	GW-24		
	132/33 kV Tr-1(132 kV)	GW-25		
	132/33 kV Tr-2(132 kV)	GW-26		

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23. Kotla HEP (BBMB)				
Main Meters	GT-1(132 kV)	KB-01	Kotla net injection using MAIN meters	
	GT-2(132 kV)	KB-02		
	GT-3(132 kV)	KB-03		
Check Meters	GT-1(132 kV)	KB-11	Kotla net injection using CHECK meters	
	GT-2(132 kV)	KB-12		
	GT-3(132 kV)	KB-13		
Standby Meters	132 kV Ganguwal-1	KB-21	Kotla net injection using STANDBY meters	
	132 kV Ganguwal-2	KB-22		
	132 kV Ropar-1	KB-23		
	132 kV Ropar-2	KB-24		
	132 kV Ropar-3	KB-25		
24. Dehar HEP (BBMB)				
Main Meters	400 kV Panipat	DE-01	Dehar net injection using MAIN meters	
	400 kV Bhiwani	DE-02		
	220 kV Kangu	HP-18		
	220 kV Ganguwal-1	DE-03		
	220 kV Ganguwal-2	DE-04		
	132 kV Kangu	HP-19		
Check Meters	400 kV Panipat	DE-11	Dehar net injection using CHECK meters	
	400 kV Bhiwani	DE-12		
	220 kV Kangu	DE-13		
	220 kV Ganguwal-1	DE-14		
	220 kV Ganguwal-2	DE-15		
	132 kV Kangu	DE-16		
Check Meters	GT - 1(220 kV)	DE-21	Dehar net injection using CHECK meters	
	GT - 2(220 kV)	DE-22		
	GT - 3 (11 kV)	DE-28		
	GT - 4 (11 kV)	DE-29		
	GT - 5 (11 kV)	DE-30		
	GT - 6 (11 kV)	DE-31		
25. Pong HEP (BBMB)				
Main meters	GT-1(220 kV)	PN-01	Pong net injection using MAIN meters	
	GT-2(220 kV)	PN-02		
	GT-3(220 kV)	PN-03		
	GT-4(220 kV)	PN-04		
	GT-5(220 kV)	PN-05		
	GT-6(220 kV)	PN-06		
	Aux. Trans.-1(66 kV)	- PN-07		
	Aux. Trans.-2(66 kV)	- PN-08		
Check meters	GT-1(220 kV)	PN-11	Pong net injection using CHECK meters	
	GT-2(220 kV)	PN-12		
	GT-3(220 kV)	PN-13		
	GT-4(220 kV)	PN-14		
	GT-5(220 kV)	PN-15		
	GT-6(220 kV)	PN-16		
	Aux. Trans.-1(66 kV)	- PN-17		
	Aux. Trans.-2(66 kV)	- PN-18		
Standby Meters	66 kV Sansarpur Terrace	HP-20	Pong net injection using STANDBY meters	
	66 kV Talwara	PN-09		
	220 kV Dasuya - 1	PN-21		
	220 kV Dasuya - 2	PN-22		
	220 kV Jessore	PN-23		
	220 kV B-Siul	PN-24		
	220 kV Jalandhar - 1	PN-25		
	220 kV Jalandhar - 2	PN-26		

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26. Vindhyachal HVDC B/B station (PG)				
Main meters	400 kV Kanpur	NR-09	WR net injection at Vindhyachal B/B using MAIN meters	
	400 kV Singrauli	NR-10		
Standby Meters	400 kV Block-1 (NR)	- NR-11	WR net injection at Vindhyachal B/B using STANDBY meters	
	400 kV Block-2 (NR)	- NR-12		