

National Load Despatch Centre
Import of Punjab Transfer Capability for July 2021

Issue Date: 15th July 2021

Issue Time: 16:30 hrs

Revision No. 17

Date	Time Period in IST (hrs)	Total Transfer Capability (TTC)	Reliability Margin	Available Transfer Capability (ATC)	Long Term Access (LTA)/ Medium Term Open Access (MTOA) #	Margin Available for Short Term Open Access (STOA)	Changes in TTC w.r.t. Last Revision	Comments
1st July 2021	00-24	7900	600	7300	4360	2940		
2nd July 2021	00-24	7900	600	7300	4360	2940		
3rd July 2021	00-24	7900	600	7300	4360	2940		
4th July 2021	00-24	7900	600	7300	4360	2940		
5th July 2021	00-09	8400	600	7800	4360	3440		
	09-17	7900	600	7300	4360	2940		
	17-24	8400	600	7800	4360	3440		
6th July 2021	00-08	8400	600	7800	4360	3440		
	08-09	8400	600	7800	4360	3440		
	09-18	7900	600	7300	4360	2940		
	18-24	8100	600	7500	4360	3140		
7th July 2021	00-08	8400	600	7800	4360	3440		
	08-09	8400	600	7800	4360	3440		
	09-18	7900	600	7300	4360	2940		
	18-24	8100	600	7500	4360	3140		
8th July 2021 to 9th July 2021	00-08	8600	600	8000	4360	3640		
	08-18	7900	600	7300	4360	2940		
	18-24	8600	600	8000	4360	3640		
10th July 2021 to 11th July 2021	00-08	8800	600	8200	4360	3840		
	08-18	8300	600	7700	4360	3340		
	18-24	8800	600	8200	4360	3840		
12th July 2021	00-08	8800	600	8200	4360	3840		
	08-09	8300	600	7700	4360	3340		
	09-18	7900	600	7300	4360	2940		
	18-24	8600	600	8000	4360	3640		
13th July 2021	00-08	8600	600	8000	4360	3640		
	08-18	7900	600	7300	4360	2940		
	18-24	8300	600	7700	4360	3340		
14th July 2021 to 15th July 2021	00-08	8600	600	8000	4360	3640		
	08-18	7900	600	7300	4360	2940		
	18-24	8600	600	8000	4360	3640		
16th July 2021 to 31st July 2021	00-08	8600	600	8000	4360	3640	0	On request of Punjab, STOA margin revised by 500 MW due to under utilization of LTA.
	08-18	7900	600	7300	4360	2940	0	
	18-24	8600	600	8000	4360	3640	0	
Limiting Constraints		1. N-1 contingency of 400/220kV ICTs at Rajpura, Nakodar, Ludhiana. 2. 220 kV underlying network at Ludhiana and Amritsar. 3. High loading of 220kV lines such as Rajpura-Gobindgarh, Dhuri-Sunam, Jalandhar-Kartarpur, Muktsar-Malout etc.						

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Revision No	Date of Revision	Period of Revision	Reason for Revision
2	4th May 2021	1st July to 31st July 2021	Revised TTC/ATC due to planned outage of Talwandi Saboo Unit # 3
3	29th June 2021	1st July 2021	On request of Punjab, STOA margin revised by 500 MW due to under utilization of LTA.
4	30th June 2021	2nd July 2021	On request of Punjab, STOA margin revised by 500 MW due to under utilization of LTA.
5	2nd July 2021	3rd July 2021	On request of Punjab, STOA margin revised by 500 MW due to under utilization of LTA.
6	2nd July 2021	4th July 2021	On request of Punjab, STOA margin revised by 500 MW due to under utilization of LTA.
7	3rd July 2021	5th July 2021 to 15th July 2021	On request of Punjab, STOA margin revised by 500 MW due to under utilization of LTA.
8	4th July 2021	5th July 2021	Revised TTC/ATC due to forced outage of Talwandi Saboo Unit # 1
9	4th July 2021	6th July 2021 to 31st July 2021	<ol style="list-style-type: none"> 1) Implementation of SPS at Nakodar. 2) Solar generation starts picking up from 8am onwards and is significant till 6pm in Northern region. Line flows different during solar generation period compared to night hours. 3) Loading above N-1 contingency limit at 400/220kV Moga ICTs during high solar generation. 4) Punjab SLDC has informed that working hours of general industries in Nakodar, Gobindgarh(Rajpura) and Ludhiana area is 9am-6pm. Therefore, loading is lower in these area during night hours. 5) Due to the above reasons ATC/TTC is being enhanced for 00-08 and 18-24 hours. 6) Punjab SLDC to intimate in case of any deviations from the assumed LGB promptly alongwith with revised ATC/TTC limits.
10	5th July 2021	6th July 2021	Revised TTC/ATC due to forced outage of Talwandi Saboo Unit # 1
11	6th July 2021	7th July 2021	Revised TTC/ATC due to forced outage of Talwandi Saboo Unit # 1
12	7th July 2021	8th July 2021 to 31st July 2021	<ol style="list-style-type: none"> 1. Planned outage of Unit-2 at Talwandi Saboo plant from 7-9 July 2021. 2. Based on node wise load-generation and ATC/TTC assessment submitted by Punjab SLDC on 06.07.2021, ATC/TTC increased by 200MW. 3.Implementation of SPS at Nakodar. 4. Solar generation starts picking up from 8am onwards and is significant till 6pm in Northern region. Line flows different during solar generation period compared to night hours. 5. Loading above N-1 contingency limit at 400/220kV Moga ICTs during high solar generation. 6. Punjab SLDC has informed that working hours of general industries in Jalandhar, Gobindgarh (Rajpura) and Ludhiana area is 8am-6pm. Therefore, loading is lower in these area during night hours. 7. Due to the above reasons ATC/TTC is being enhanced for 00-08 and 18-24 hours. 8. Punjab SLDC to intimate in case of any deviations from the assumed LGB promptly alongwith with revised ATC/TTC limits.
13	9th July 2021	10th July 2021 to 12th July 2021	Revised TTC/ATC due to forced outage of Talwandi Saboo Unit # 1
14	10th July 2021	11th July 2021 to 12th July 2021	<ol style="list-style-type: none"> 1. Forced outage of Unit-2 at Talwandi Saboo plant (all 3 units out at Talwandi Saboo plant) 2. Punjab SLDC has informed that working hours of general industries in Jalandhar, Gobindgarh (Rajpura) and Ludhiana area is 8am-6pm. Therefore, loading is lower in these area during night hours. 3. Punjab SLDC to ensure loading below N-1 contingency limit at 400/220kV Moga ICTs during high solar generation. 4. If Punjab SLDC is not able to ensure N-1 compliance at 400/220kV Moga, NRLDC may curtail ATC/TTC of Punjab in real-time. 5. Punjab SLDC to intimate in case of any deviations from the assumed LGB promptly alongwith with revised ATC/TTC limits. 6. Anticipated revival time of Unit-2 at Talwandi Saboo plant given as 9am of 12th Jul 2021 by Punjab SLDC.
15	12th July 2021	13th July 2021	Revised TTC/ATC due to non revival of Talwandi Saboo Unit # 1
16	13th July 2021	14th July 2021 to 31st July	Revised TTC/ATC due to non revival of Talwandi Saboo Unit # 1
17	15th July 2021	16th July 2021 to 31st July 2021	On request of Punjab, STOA margin revised by 500 MW due to under utilization of LTA.