

PEAK LOAD SCHEDULE 2010

Period/months	Timings of Peak Load Hours Restriction	
	Consumers falling under All Op. Zones (except Central Zone)	Consumer falling under Op. Central Zone
Feb., March, Sept. & October	18.30 Hrs. to 21.30 hrs	19.00 hrs to 22.00 hrs
April, May & August	19.00 hrs to 22.00 hrs	19.30 hrs. to 22.30 hrs
June & July	19.30 hrs to 22.30 hrs	20.00 hrs to 23.00 hrs
November, December & January.	18.00 hrs to 21.00 hrs	18.00 hrs to 21.00 hrs

PUNJAB STATE ELECTRICITY BOARD

261/11

Telephone Message No.

Dated 6.4.2010

From

The Chief Engineer/SO&C,
Power Regulation & Control Dte.,
PSEB, 220KV S/Stn., Ablowal, Patiala.

To

1. All EIC/CEs/Distribution/P&M, in PSEB.
2. All Dy.CEs/SEs/Distribution/P&M in PSEB.

Subject: Additional Power Regulatory Measures on Industries

Due to increase in demand and low hydro potential, it is decided to impose 2nd weekly off day on industrial consumers feeding from Cat-II feeders including Arc/Induction furnace and rolling mill consumers (fed from Cat-II & Cat-III feeders) with immediate effect till further orders as under:

- 1 **General Industrial consumers feeding from Cat-II feeder** will observe two days weekly off instead of one being observed presently with effect from

6.4.2010 till further orders. Thus these consumers whose weekly off day falls on 6.4.2010 will also observe 2nd weekly off day on 7.4.2010 and so on. Timings and day of weekly of day and other terms and conditions will remain unchanged and will be governed as per PR Circular 2/2010 dated 5.2.2010.

2 **Arc Induction Furnaces and rolling mill consumers feeding from Cat-II & Cat-III feeders** will also observe two days weekly off instead of one being observed presently with effect from 6.4.2010 till further orders. Thus these consumers whose weekly off day falls on 6.4.2010 will also observe 2nd weekly off day on 7.4.2010 and so on. Timings and day of weekly of day and other terms and conditions will remain unchanged and will be governed as per PR Circular 2/2010 dated 5.2.2010.

3 **All LS consumers feeding from Cat-II, III and IV feeders** will use load up to 75% of Peak Load Exemption allowed to them during Peak Load Hours Restrictions with effect from 6.4.10 till further orders. However, Peak Load Hours Restrictions will be for 3 hours only. However, essential industries covered under PR Circular 12/98 dated 3.8.98 and other exempted categories of industries like cold storages/Slaughter houses with partly cold storage load Ice factories, poultry farms, Ice candy plants, milk plants/milk chilling units and exclusively bread manufacturing units will continue to use 100% Peak Load Exemptions. (PR Circular 12/98 is available at PSEB website psebindia.org.in.

The consumers are requested to download the information regarding Peak Load Restrictions/weekly off days from the PSEB website. They are asked to visit the website of the PSEB on regular basis in future.

The field officers are requested to display the relevant Circulars on the Notice Boards of Complaint Centres as well as Sub Divn Offices/Grid Sub Stations.

The consumers are also requested to watch newspapers for information.

The Relevant information is also being conveyed to PSEB field officers and selected representatives of Industrial associations. The consumers can also get this information on Telephone from field officers.

Engineer/SO&C,

for Director/PR&C
Chief
PSEB, Patiala

PUNJAB STATE ELECTRICITY BOARD

Telephone Message No. 113

Dated 30.3.2010

From

The Chief Engineer/SO&C,
Power Regulation & Control Dte.,
PSEB, 220KV S/Stn., Ablowal, Patiala.

To

1. All EIC/CEs/Distribution/P&M, in PSEB.
2. All Dy.CEs/SEs/Distribution/P&M in PSEB.

Subject: Additional Power Regulatory Measures on Industries - Relaxation

Additional Power Regulatory Measures imposed on Industrial Consumers feeding from UPS 3 Phase 3 wire, Cat-II and Cat-III feeders, vide this office PR Circular 3/2010 dated 18.3.10 and various telephone messages, are hereby withdrawn with immediate effect. Thus the industrial consumers, including Arc/Induction furnace and rolling mill consumers, will not observe 2nd and 3rd weekly off day on 30.3.2010. Peak Load Restrictions imposed on industrial consumers feeding from UPS 3 phase 3 wire feeders vide this office telephone message 715 dated 23.3.10 are also withdrawn with immediate effect. Now, with effect from 30.3.10, onwards the industrial consumers feeding from Cat-II feeders and arc induction and rolling mill consumers will observe one weekly off day only, as per PR Circular 2/2010 dt 5.2.2010. Timings and days of weekly off days will be as already intimated vide PR Circular 2/2010. All other terms and conditions of PR Circular 2/2010 will remain unchanged. Peak Load Restrictions on Continuous Process industrial consumers will now be for 3 hours instead of 12 hours with immediate effect till further orders.

Director/PR&C
for Chief Engineer/SO&C,
PSEB, Patiala

PUNJAB STATE ELECTRICITY BOARD

Telephone Message No. 715
Dated 23.3.2010

From

The Chief Engineer/SO&C,
Power Regulation & Control Dte.,
PSEB, 220KV S/Stn., Ablowal, Patiala.

To

1. All EIC/CEs/Distribution/P&M, in PSEB.
2. All Dy.CEs/SEs/Distribution/P&M in PSEB.

Subject: Additional Power Regulatory Measures on Industries.

Please refer to this office PR Circular 3/2010 and telephone message no. 606 dated 19.3.10, it is decided to impose additional Power regulatory measures as under:-

- 1) All LS Industrial Consumers being fed from UPS 3 phase 3 wire feeders, will observe Peak Load Restrictions with immediate effect i.e. w.e.f 23.3.10 till further orders. Timings of Peak Load Hours Restrictions will be as per PR Circular 9/2003, which are reproduced as under:-

S.No.	Period/months	Timings of Peak Load Hours Restriction	
		Consumers falling under All Op. Zones (except Central Zone)	Consumer falling Op. Central Zone
1.	2	3	4
1.	Feb., March, Sept. & October	18.30 Hrs. to 21.30 hrs	19.00 hrs to 22.00 hrs
2.	April, May & August	19.00 hrs to 22.00 hrs	19.30 hrs. to 22.30 hrs
3.	June & July	19.30 hrs to 22.30 hrs	20.00 hrs to 23.00 hrs
4.	November, December & January.	18.00 hrs to 21.00 hrs	18.00 hrs to 21.00 hrs

- 2) 58/58.5 weekly off day imposed vide this office PR Circular 3/2010 and telephone message no. 606 dated 19.3.10, on industrial consumers being fed from Category-II feeders (except Arc Induction furnace and rolling mill consumers) will remain applicable up to 1.4.2010. Thus the consumers, whose 1st weekly off day falls on 1.4.2010, will also observe weekly off day for 58/58.5 hours.
- 3) Three day weekly off day will remain applicable on the Arc Induction & Rolling Mill consumers for one more week i.e. up to 1.4.2010. Thus the consumers, whose 1st weekly off day falls on 1.4.2010, will also observe weekly off day for 3 days
- 4) Continuous Process Consumers: The continuous process Industrial consumers being fed from Cat-IV feeders will continue to observe Peak Load Hours Restrictions of 12 Hours as already intimated for One more week i.e. upto 31.3.2010. These consumers who have been allowed to use some load during Peak Load Hours Restrictions can use this load for 12 hours but Peak Load Exemption Charges will be charged only for 3 hours.

The consumer at Sr No. 2 & 3, who have been allowed to use some load during Peak Load Hours Restrictions against the payment of PLEC (Except essential/IT Industry who have been allowed exemptions from observing weekly off days) will not use this load during weekly off days nor the Peak Load Exemption Charges will be charged to them.

These instructions can be downloaded from PSEB website. The consumers are requested to visit the PSEB website regularly for latest instructions regarding Peak Load Hours Restrictions/weekly off days.

for Director/PR&C
Chief Engineer/SO&C,
PSEB, Patiala

**BEFORE THE PUNJAB STATE ELECTRICITY REGULATORY COMMISSION
CHANDIGARH**

Petition No. of 2009

IN THE MATTER OF

Petition under Section 23 of the Electricity Act, 2003 for authorizing the Board to impose power cuts, Peak Load Hours Restrictions and taking other Power Regulatory Measures for the year 2010-11.

AND

IN THE MATTER OF:
PUNJAB STATE ELECTRICITY BOARD
(herein after referred to as "PSEB" or "The Board"
THE MALL, PATIALA-147001)

Petitioner

The Petitioner respectfully submits as under:

1. The authorization for the year 2009-10 for imposition of Regulatory Measures including Peak Load Hours Restrictions, imposing power cuts to ensure smooth functioning of power system was granted by the Punjab State Electricity Regulatory Commission (PSERC) vide its order dated 27.5.2009 (Copy enclosed as Annexure-H).
2. The following complete data in the form of Annexures is being submitted for consideration of Hon' able Commission:
 - a) Details of power cut imposed during the year 2007-08 (Annexure-A)
 - b) Details of power cut imposed during the year 2008-09 (Annexure-B)
 - c) Details of power cut imposed during the year 2009-10 (Annexure-C)
 - d) Additional MW availability for the year 2010-11 (Annexure-D)
 - e) Anticipated unrestricted max. demand during the year 2010-11 (Annexure-E)
 - f) Anticipated demand and availability during 2010-11 (Annexure-F)
 - g) Anticipated/proposed power cuts to be imposed during 2010-11 (Annexure-G)

3. From the details given under para-2, it is anticipated that during the year 2010-11 there shall be shortage in the availability of power i.e. Peaking shortage in the range of 30 to 39% (in the range of 3000 MW with a max. of 3547 MW) and energy shortage in excess of 100 LU/day with max. quantum of 432 LU/day during most of the months of the year after taking into account the availability of power from all sources viz. own Generation, share from Central Sector Power Projects, purchase from various agencies, banking with other States and un-scheduled over-drawls depending upon system parameters etc.
4. It shall not be out of place to mention here that CERC has narrowed down operational range for the Unscheduled Interchange charges w.e.f 1.4.09 i.e as against the earlier operating range of 49.0 Hz to 50.5 Hz, the new operating range is 49.2 Hz to 50.3 Hz. This has been done with the objective of improving the quality of supply and sending a clear message that UI is not a route for trading of electricity. CERC has for the first time specified limits for the over draws from the grid (12% of schedule in a time block or 150 MW whichever is less and 3% on daily aggregate basis for frequency below 49.5 Hz) and over drawl from grid below the permissible frequency of 49.2 Hz (Ceiling UI rate is Rs 7.35 per Kwh at 49.2 Hz) attracts surcharges of 40%. This has been done in order to enforce grid discipline. CERC can also consider penal action under sections 142 and 149 of the Electricity Act, 2003 for contravention of the over drawl limit specified in the regulations for a time block when frequency is below 49.5 Hz. In view of these regulations, over drawl below 49.5 Hz are very costly & punitive below 49.2 Hz. Forum of Regulators has also decided that surcharge paid for over draws below 49.2 Hz by the Distribution Company will not be allowed as pass through in ARR. Under such scenario imposition of scheduled/unscheduled power cut is only way out.

5. Taking into account the peaking and energy shortages brought out in Para 3 above and owing to prevailing regulations, PSEB shall be constrained to impose power cuts and take regulatory measures as under:
- i) To impose Evening Peak Load Hours Restrictions on Industrial Consumers (normally on Large Supply Consumers)
 - ii) To impose power regulatory measures on industrial sector by way of Weekly Off-day Restrictions, restrictions on the use of quantum of energy etc.
 - iii) To impose Power Cuts on UPS and Cat-I feeders feeding N.R.S. and Domestic Consumers (Rural & Urban Sectors) and SP/MS/LS consumers.
 - iv) To regulate power supply hours to Agriculture tubewell consumers.
 - v) To impose Power Cuts on other categories of consumers such as Bulk Supply etc. or to take other regulatory measures as required.

The proposed power cuts as shown in Annexure-G are tentative and are likely to change with the availability/demand and other System Constraints. However, PSEB on its part shall try to:

- a) Impose minimum power cuts.
- b) It shall be ensured that consumers are informed well in advance about the schedule of power cuts.
- c) Un-scheduled cuts shall be imposed only during sudden outage of generating units or other exigencies in the grid. Duration of such cuts shall be kept minimum possible.
- d) Though PSEB has formed separate distinct groups of main cities, district headquarters, category-I areas and rural areas but is imposing almost equal cuts on all the consumers whether residing in cities or in rural areas. It is also submitted that due to severe financial constraint in PSEB and synchronization of Unit-III & IV of Lehra Mohabbat Stage-II, PSEB does not propose to buy any power through traders or bi-laterally for the winter season of 2010-11 and all the shortages will be met by over drawl from grid at high frequency or by imposing power cuts/additional regulatory measures.

6. The Board is already purchasing power from NRSE Co-generation & IPPs within the State at the tariff of NRSE policy through short term purchase of power.

PRAYER

In view of the submissions made above, it is prayed that Punjab State Electricity Board may be authorized to impose Power Cuts, Peak Load Hours Restrictions and take other Power Regulatory Measures in order to maintain equitable distribution of power supply throughout the State of Punjab. The earlier authorization made by the Punjab State Electricity Regulatory Commission is expiring on 31.3.2010, so it is prayed that authorization in this regard may please be issued to enable PSEB to regulate supply from 00.00 hrs. of 01.04.2010 to 31.03.2011.

Chief

Engineer/ARR & TR

Encls: As above

PSEB, Patiala.

**BEFORE THE PUNJAB STATE ELECTRICITY REGULATORY COMMISSION
CHANDIGARH**

Petition No. of 2009

IN THE MATTER OF

Petition under Section 23 of the Electricity Act, 2003 for Submission of Policy Regarding Peak Load Exemption in response to order of Hon' able Punjab State Electricity Regulatory Commission dated 9.12.09.

AND

IN THE MATTER OF:

PUNJAB STATE ELECTRICITY BOARD

(herein after referred to as "PSEB" or "The Board"

THE MALL, PATIALA-147001)

Petitioner

The Petitioner respectfully submits as under:

1. Hon' able Punjab State Electricity Regulatory Commission while deciding Petition No. 12 of 2009 in its order dated 9.12.09 (Annex-A) has desired that a transparent Policy regarding Peak Load Exemptions may be submitted to Hon' able Punjab State Electricity Regulatory Commission.
2. Policy has been prepared and got approved from Member/T for onward submission to Hon' able Punjab State Electricity Regulatory Commission.
3. Peak Load Exemptions are allowed to LS industry consumers in terms of PR circular no. 12/98 and 9/07 (Annex-B). As per these, essential services (such as Hospitals, Railway stations, Railway installations, Defence & Military installation, All India Radio/TV, water supply and sewerage installations etc.) are exempted from observing Peak Load Restrictions. All other LS industry is required to observe Peak Load Restrictions or take Peak load Exemptions. Presently, Peak Load Exemptions are allowed as under:
 - i) Peak Load Exemption of 100 KW is granted by Dy CE/SE/DS concerned.
 - ii) Peak Load Exemption for load more than 100 KW is granted by CE/SO&C.
 - iii) The consumer is to take Peak Load Exemptions for minimum period of six months in the first instance and for minimum 3 months on subsequent Enhancement/Decrease/withdrawl in Peak Load Exemption.
As per PR circular 9/07 if no period is mentioned by consumer, Peak Load Exemption is allowed on regular basis.
 - iv) As per PR circular 4/2009, it was decided that Peak Load Exemption granted whether regular /temporary Basis may be withdrawn after 30.4.09. This date was extended to 31.5.09 vide PR circular No. 11/09 dated 24.4.09 (Annex-C). These instructions, however, are not applicable on continuous process industry, IT industries, Essential industries i.e Fertilizers Plants (except NFL Bathinda and NFL Nangal (New), Gas Plants, Sugar Mills, Vanaspati Mills, Milk Processing plants, Breweries & Distilleries, Roller Floor mills, Railway workshops, oil Depots/LPG Depots, Drugs & Pharmaceuticals Units, Environment Treatment Plants (ETP Plants)/Pollution Control Equipment and other exempted categories of consumers such as Cold stores load, Ice factories, Poultry farms, Ice Candy Plants, Milk plants/Milk chilling units and exclusively Bread manufacturing units etc. Peak Load Exemptions to these consumers were to be given as per their requirement as per PR circular 11/09. Hon' able PSERC while deciding Petition No. 7, in its order dated 27.5.09 observed as under:

The Board will not withdraw peak load exemptions where already granted while imposing power restrictions during peak load hours. It will also review its own policy regarding grant of such exemption and seek the approval of the Commission for the same.

" PR circular 15/09 was issued, according to which consumer who have been already granted Peak Load Exemption, were entitled to avail the same up to the period it was sanctioned. At present as Per circular 34/2009 Peak Load Exemptions are being given up to 31.5.2010 only. As per this circular continuous process industries, IT industries/essential industries and other industries of exempted categories are also being allowed Peak load Exemption up to 31.5.2010 only."

From the above, it may please be observed that the Peak Load Exemptions to different types of consumers are allowed up to 31.5.2010 in terms of PR Circular no. 34/2009. In addition to this, continuous process industries consumers, essential industries, IT industries and consumers enjoying Peak Load Exemptions on regular basis will continue to avail the same after 31.05.2010 also. It is clarified here that any enhancement allowed to consumers availing regular Peak Load Exemptions prior to issue of PR Circular No. 34/2009 will not enjoy such enhancement on 01.06.2010 and all such enhancements will stand withdrawn.

It is very well known that PSEB will be short of power during summer of 2010 and to meet with the agricultural demand of the consumers, PSEB will adopt following policy for allowing industries to run during Peak Load Hours:-

- i) Peak Load Restrictions will not be imposed on essential services such as hospitals/cold storages, railway stations etc. etc.
- ii) Peak Load Exemptions allowed to IT Industries till 31.05.2010 will continue to be allowed as per Punjab Government guidelines and Commercial Circular No. 9/09 of PSEB. Any IT Consumer requiring Peak Load Exemptions will be allowed during summer/paddy also.
- iii) All continuous process industries who have been declared continuous/to be declared continuous process by Competent Authority will be granted Peak Load Exemptions to the extent required by the industries to keep the process continuous.
- iv) Essential industries and other exempted categories such as milk plant, cold storage/slaughter houses, ice factories, poultry farms, ice candy plants, milk plants/Milk killing units and exclusively bread manufacturing units etc. will continue Peak Load Exemptions as per requirement even during summer of paddy, 2010.
- v) There will be no Peak Load Restriction on industries fed from UPS 3 phase 3 wire and 3 phase 4 wire feeders.

- vi) LS industries fed from Category-I feeder (predominantly) will take Peak Load Exemptions as per Regulations.
- vii) LS industries fed from Category-II feeders whose Peak Load Exemptions/enhancement allowed on temporary basis will stand withdrawn w.e.f. 01.06.2010 except those covered in para ii), iii) & iv).
- viii) Central Sector PSU as NFL, Railway workshops (DCW, RCF Kapurthala), PSIDC projects like PACL, (SIEL of electrolysis proven) and cement industry taking fly ash from PSEB will be allowed to use Peak Load Exemption granted to them. There will be no curtailment in exemption and enhancement of peak load restriction hours to these industries.
- ix) Minimum period of 6 months in case of new consumers seeking Peak Load Exemption and 3 months in case of existing consumers seeking renewal/enhancement/reduction/withdrawal will not be applicable in future. This period is proposed to be reduced to one month in both cases.
- x) In case of increase in gap between demand and supply during peak load hours, the exemption allowed can be curtailed and peak load restriction hours can be increased.

PRAYER

In view of the submissions made above, it is prayed that Hon' able Punjab State Electricity Regulatory Commission may accept this Policy.

Encls: As above

Chief Engineer/SO&C
PSEB, Patiala.

PUNJAB STATE ELECTRICITY BOARD

Telephone Message No. 606
Dated 19.3.10

From

The Chief Engineer/SO&C,
Power Regulation & Control Dte.,
PSEB, 220KV S/Stn., Ablowal, Patiala.

To

1. All EIC/CEs/Distribution in PSEB.
2. Chief Engineer/P&M, PSEB, Ludhiana.
3. Chief Engineer/Enforcement, PSEB, Patiala.
4. All Dy.CEs/SEs/Distribution in PSEB. They are requested to send copy of this circular to their Sr. Xens and SDOs

5. All Dy. CEs/SEs/P&M in PSEB. They are requested to send copy of this circular to their Sr. Xens and SDOs
6. All Dy.CEs/Directors/Enforcement & EA & MMTS. They are requested to send copy of this circular to their Sr. Xens and SDOs

Subject: Additional Power Regulatory Measures on Industries.

Please refer to this office PR Circular 3/2010 dt 18.3.10 and Telephone Message 578 dated 18.3.10, it is decided as under:

- 1 Cat-II feeders: Industrial consumer feeding from Cat-II feeders (except arc induction and rolling mill consumers) will continue to observe 58/58.5 hour weekly off day as per PR circular 3/2010. The instructions issued vide this office telephone message no 578 dt 18.3.10, to allow these consumer to observe one weekly off day only, are amended to this extent. Now these consumers will observe weekly off day as per PR circular 3/2010 up to 25.3.2010 and the consumer whose weekly off day falls on 19.3.10 will observe weekly off day up to 0800 hours of 21.3.10. The consumers whose weekly off day falls on 20.3.2010 (Saturday) will observe weekly off day w.e.f end of Peak Load Hour Restriction of 19.3.10 (Friday) up to 0800 hours of 22.3.2010 (Monday) and so on. The consumers whose weekly off day falls on 25.3.10 will also observe weekly off day of 58/58.5 hours.
- 2 Arc Induction and Rolling Mill Consumers: Arc Induction Furnace and rolling mill consumers, (feeding from Cat-II & III feeders), will observe weekly off day for three days instead of two days (applicable up to 25.3.10). Thus the consumers whose weekly off day falls on 19.3.2010, will observe weekly off day for 19.3.2010 to 21.3.2010 and so on. The consumers whose weekly off day falls on 25.3.10, will also observe weekly off day on three days. Days of weekly off day and timings of weekly off day will remain unchanged for these consumers.
- 3 Continuous process industrial consumers: 12 hours Peak Load Hours restrictions will remain applicable as per PR circular 3/2010 up to 24.3.10.

for Director/PR&C
Chief Engineer/SO&C,
PSEB, Patiala

PUNJAB STATE ELECTRICITY BOARD

Telephonic message No.
578

Dated: 18.03.10

From

The Chief Engineer/S.O.&C,
Power Regulation & Control Dte.,
PSEB, 220KV S/Stn., Ablowal, Patiala.

To

- 1 All Er-in-Chief/Chief Engineers/Operation/P&M, PSEB
- 2 All Dy. Chief Engineer/SEs/Operation/P&M, PSEB

Subject: Category-2 WOD

Additional regulatory measures enforced for Category-2 consumers (except ARC,INDUCTION and ROLLING MILLS) vide PR&C circular no.3/2010 has been withdrawn with immediate effect. Thus these consumers will observe one weekly off day of 24 hrs as presently being observed.

These instructions can also be downloaded from PSEB's Website

www.psebindia.org.

For Director/PR&C,
Chief Engineer/SO&C,
PSEB, Patiala.