

PUBLIC NOTICE

For inviting suggestion/ objections of public/ stakeholders on the Power Quality harmonic data in respect of Petition No. 62 of 2021 filed by PSPCL for clarification regarding applicability of PIU tariff to Electroplating Industries and some other type of industries :-

- 1) Notice is hereby given to all that the Punjab State Power Corporation Limited (PSPCL) has filed subject cited Petition No. 62 of 2021 with Hon'ble Punjab State Electricity Regulatory Commission (PSERC) for clarification regarding applicability of PIU tariff to Electroplating Industries and some other type of industries. The petition is available on the website of PSPCL i.e. www.pspcl.in as well as website of the Commission i.e. www.pserc.gov.in and the copy of the same can be downloaded therefrom.
- 2) Sample PQ meters were installed at few industries and its data was submitted to Hon'ble Commission. Hon'ble Commission vide order dated 09.04.2024 has desired that this sample data may be shared in public domain. Accordingly, the Power Quality harmonic data has been placed on the website of PSPCL i.e. www.pspcl.in and the website of the Commission i.e. www.pserc.gov.in.
- 3) Any suggestion/ objections against the Power Quality harmonic data submitted by PSPCL together with supporting material may be filed with the Secretary, PSERC, Site No. 3, Madhya Marg, Sector-18A, Chandigarh in person or through Registered Post so as to reach **within 21 days** of the publication of this notice. Copy of the same must also be sent to Chief Engineer/ARR& TR, PSPCL, F-4, Shakti Vihar, Patiala and proof of service of the same must be enclosed with the filing made to Secretary, Punjab State Electricity Regulatory Commission, Chandigarh.
- 4) The suggestion/ objections to the Power Quality harmonic data should be filed in 10 copies. The suggestion/ objections should carry full name, signature, postal address and telephone/mobile number of the person sending the same. If the suggestion/ objection is filed on behalf of any organization or any class of consumers, it should be so mentioned. All the objectors should also send a soft copy of their suggestion/ objections to the Secretary PSERC at e-mail ID secretarypsercchd@gmail.com and PSPCL e-mail ce-arr-tr@pspcl.in. If any member of the public wants to attend the hearing virtually then they may send their full name, contact no. and valid email ID to registrarpsercchd@gmail.com and the link for the same will be provided by the Commission.
- 5) The petition shall be taken up for hearing as well as public hearing by the Hon'ble Commission on 03.07.2024 at 11:30 A.M. in the Commission's office at Site No. 3, Madhya Marg, Sector-18A, Chandigarh. Public/ stakeholders who have filed their suggestions/ objections by the last date for filing of the objections and other persons/ organizations interested in presenting their views/suggestions on the above mentioned matter are invited to participate in the public hearing before the Hon'ble Commission.


Dy. CE/Regulation
PSPCL Patiala

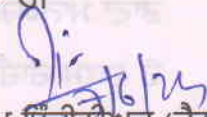
ਜਨਤਕ ਨੋਟਿਸ

ਇਲੈਕਟ੍ਰੋਪਲੇਟਿੰਗ ਉਦਯੋਗਾਂ ਅਤੇ ਕੁਝ ਹੋਰ ਕਿਸਮਾਂ ਦੇ ਉਦਯੋਗਾਂ ਲਈ PIU ਟੈਰਿਫ ਦੇ ਲਾਗੂ ਹੋਣ ਬਾਰੇ ਸਪੱਸ਼ਟੀਕਰਨ ਲਈ PSPCL ਦੁਆਰਾ ਦਾਇਰ ਪਟੀਸ਼ਨ ਨੰ. 62 ਸਾਲ 2021 ਦੇ ਸਬੰਧ ਵਿੱਚ ਪਾਵਰ ਕੁਆਲਿਟੀ ਹਾਰਮੋਨਿਕ ਡਾਟਾ ਤੇ ਜਨਤਾ/ ਸਟੇਕਹੋਲਡਰਾਂ ਦੇ ਸੁਝਾਅ/ ਇਤਰਾਜ਼ਾਂ ਨੂੰ ਸੱਦਾ ਦੇਣ ਲਈ:

1. ਇਸ ਦੁਆਰਾ ਸਾਰਿਆਂ ਨੂੰ ਨੋਟਿਸ ਦਿੱਤਾ ਜਾਂਦਾ ਹੈ ਕਿ ਪੰਜਾਬ ਰਾਜ ਪਾਵਰ ਕਾਰਪੋਰੇਸ਼ਨ ਲਿਮਿਟਡ (PSPCL) ਨੇ ਇਲੈਕਟ੍ਰੋਪਲੇਟਿੰਗ ਉਦਯੋਗਾਂ ਅਤੇ ਕੁਝ ਹੋਰ ਕਿਸਮ ਦੇ ਉਦਯੋਗ ਲਈ PIU ਟੈਰਿਫ ਦੀ ਲਾਗੂ ਹੋਣ ਬਾਰੇ ਸਪੱਸ਼ਟੀਕਰਨ ਲਈ ਮਾਨਯੋਗ ਪੰਜਾਬ ਰਾਜ ਬਿਜਲੀ ਰੈਗੂਲੇਟਰੀ ਕਮਿਸ਼ਨ (PSERC) ਕੋਲ ਪਟੀਸ਼ਨ ਨੰਬਰ 62 ਸਾਲ 2021 ਫਾਈਲ ਕੀਤੀ ਹੈ। ਪਟੀਸ਼ਨ ਦੀ ਕਾਪੀ PSPCL ਦੀ ਵੈੱਬਸਾਈਟ www.pspcl.in ਦੇ ਨਾਲ-ਨਾਲ ਕਮਿਸ਼ਨ ਦੀ ਵੈੱਬਸਾਈਟ www.pserc.gov.in ਤੇ ਉਪਲਬਧ ਹੈ ਅਤੇ ਇਸ ਦੀ ਕਾਪੀ ਉਥੋਂ ਡਾਊਨਲੋਡ ਕੀਤੀ ਜਾ ਸਕਦੀ ਹੈ।
2. ਸੈਂਪਲ ਪਾਵਰ ਕੁਆਲਿਟੀ ਮੀਟਰ ਕੁਝ ਉਦਯੋਗਾਂ ਵਿੱਚ ਸਥਾਪਿਤ ਕੀਤੇ ਗਏ ਸਨ ਅਤੇ ਇਸ ਦਾ ਡਾਟਾ ਮਾਨਯੋਗ ਕਮਿਸ਼ਨ ਨੂੰ ਸੌਂਪਿਆ ਗਿਆ ਸੀ। ਮਾਨਯੋਗ ਕਮਿਸ਼ਨ ਨੇ ਮਿਤੀ 09.04.2024 ਦੇ ਹੁਕਮ ਰਾਹੀਂ ਇਹ ਇੱਛਾ ਪ੍ਰਗਟਾਈ ਹੈ ਕਿ ਇਹ ਸੈਂਪਲ ਡਾਟਾ ਜਨਤਕ ਡੇਮੋਨ ਵਿੱਚ ਸਾਂਝਾ ਕੀਤਾ ਜਾਵੇ। ਇਸ ਅਨੁਸਾਰ ਪਾਵਰ ਕੁਆਲਿਟੀ ਹਾਰਮੋਨਿਕ ਡਾਟਾ PSPCL ਦੀ ਵੈੱਬਸਾਈਟ www.pspcl.in ਅਤੇ ਕਮਿਸ਼ਨ ਦੀ ਵੈੱਬਸਾਈਟ www.pserc.gov.in ਉੱਤੇ ਉਪਲੱਬਧ ਕਰਵਾਈਆ ਗਿਆ ਹੈ।
3. PSPCL ਦੁਆਰਾ ਉੱਪਲੱਬਧ ਕਰਵਾਏ ਪਾਵਰ ਕੁਆਲਿਟੀ ਹਾਰਮੋਨਿਕ ਡਾਟਾ ਦੇ ਵਿਰੁੱਧ ਕੋਈ ਵੀ ਸੁਝਾਅ / ਇਤਰਾਜ਼, 21 ਦਿਨਾਂ ਦੇ ਅੰਦਰ-ਅੰਦਰ ਸਹਾਇਕ ਸਮੱਗਰੀ ਦੇ ਨਾਲ, ਸਕੱਤਰ, PSERC, ਸਾਈਟ ਨੰਬਰ 3, ਮੱਧ ਮਾਰਗ, ਸੈਕਟਰ-18A, ਚੰਡੀਗੜ੍ਹ ਕੋਲ ਵਿਅਕਤੀਗਤ ਤੌਰ ਤੇ ਜਾਂ ਰਜਿਸਟਰਡ ਡਾਕ ਰਾਹੀਂ ਦਰਜ ਕੀਤੇ ਜਾ ਸਕਦੇ ਹਨ। ਇਸਦੀ ਕਾਪੀ CE/ARR&TR, PSPCL, F-4, ਸ਼ਕਤੀ ਵਿਹਾਰ, ਪਟਿਆਲਾ ਨੂੰ ਵੀ ਭੇਜੀ ਜਾਣੀ ਚਾਹੀਦੀ ਹੈ ਅਤੇ ਇਸਦੇ ਭੇਜਣ ਦਾ ਸਬੂਤ ਸਕੱਤਰ, ਪੰਜਾਬ ਰਾਜ ਬਿਜਲੀ ਰੈਗੂਲੇਟਰੀ ਕਮਿਸ਼ਨ, ਚੰਡੀਗੜ੍ਹ ਨੂੰ ਕੀਤੀ ਫਾਈਲਿੰਗ ਦੇ ਨਾਲ ਨੱਥੀ ਕੀਤਾ ਜਾਣਾ ਚਾਹੀਦਾ ਹੈ।
4. ਪਾਵਰ ਕੁਆਲਿਟੀ ਹਾਰਮੋਨਿਕ ਡਾਟਾ ਲਈ ਸੁਝਾਅ/ ਇਤਰਾਜ਼ 10 ਕਾਪੀਆਂ ਵਿੱਚ ਦਰਜ ਕੀਤੇ ਜਾਣੇ ਚਾਹੀਦੇ ਹਨ। ਸੁਝਾਵਾਂ/ਇਤਰਾਜ਼ਾਂ ਵਿੱਚ ਉਸ ਨੂੰ ਭੇਜਣ ਵਾਲੇ ਵਿਅਕਤੀ ਦਾ ਪੂਰਾ ਨਾਮ, ਹਸਤਾਖਰ, ਡਾਕ ਪਤਾ ਅਤੇ ਟੈਲੀਫੋਨ/ ਮੋਬਾਈਲ ਨੰਬਰ ਹੋਣਾ ਚਾਹੀਦਾ ਹੈ। ਜੇਕਰ ਸੁਝਾਅ/ਇਤਰਾਜ਼ ਕਿਸੇ ਸੰਸਥਾ ਜਾਂ ਖਪਤਕਾਰਾਂ ਦੇ ਕਿਸੇ ਵਰਗ ਦੀ ਤਰਫ਼ੋਂ ਦਾਇਰ ਕੀਤਾ ਜਾਂਦਾ ਹੈ, ਤਾਂ ਇਸ ਦਾ ਜ਼ਿਕਰ ਕੀਤਾ ਜਾਣਾ ਚਾਹੀਦਾ ਹੈ। ਸਾਰੇ ਇਤਰਾਜ਼ਕਰਤਾਵਾਂ ਨੂੰ ਆਪਣੇ ਸੁਝਾਵਾਂ/

ਇਤਰਾਜ਼ਾਂ ਦੀ ਇੱਕ ਸਾਫਟ ਕਾਪੀ PSERC ਨੂੰ ਈ-ਮੇਲ secretarypsercchd@gmail.com ਅਤੇ PSPCL ਨੂੰ ਈ-ਮੇਲ ce-arr-tr@pspcl.in ਤੇ ਵੀ ਭੇਜਣੀ ਚਾਹੀਦੀ ਹੈ। ਜੇਕਰ ਜਨਤਾ ਦਾ ਕੋਈ ਵੀ ਮੈਂਬਰ ਸੁਣਵਾਈ ਵਿੱਚ ਹਾਜ਼ਰ ਹੋਣਾ ਚਾਹੁੰਦਾ ਹੈ ਤਾਂ ਉਹ ਆਪਣਾ ਪੂਰਾ ਨਾਮ, ਸੰਪਰਕ ਨੰਬਰ ਅਤੇ ਵੈੱਬ ਈ-ਮੇਲ ਆਈ.ਡੀ registrarpsercchd@gmail.com ਤੇ ਭੇਜ ਸਕਦਾ ਹੈ ਅਤੇ ਇਸਦੇ ਲਈ ਲਿੰਕ ਕਮਿਸ਼ਨ ਦੁਆਰਾ ਪ੍ਰਦਾਨ ਕੀਤਾ ਜਾਵੇਗਾ।

- 5. ਮਾਨਯੋਗ ਕਮਿਸ਼ਨ ਦੁਆਰਾ 03.07.2024 ਨੂੰ ਸਵੇਰੇ 11:30 ਵਜੇ ਪਟੀਸ਼ਨ ਨੂੰ ਸੁਣਵਾਈ ਅਤੇ ਜਨਤਕ ਸੁਣਵਾਈ ਲਈ ਸਾਈਟ ਨੰਬਰ 3, ਮੱਧ ਮਾਰਗ, ਸੈਕਟਰ-18ਏ, ਚੰਡੀਗੜ੍ਹ ਵਿਖੇ ਲਿਆ ਜਾਵੇਗਾ। ਜਨਤਾ/ ਸਟੇਕਹੋਲਡਰਾਂ ਜਿਨ੍ਹਾਂ ਨੇ ਇਤਰਾਜ਼ ਦਾਇਰ ਕਰਨ ਦੀ ਆਖਰੀ ਮਿਤੀ ਤੱਕ ਆਪਣੇ ਸੁਝਾਅ/ਇਤਰਾਜ਼ ਦਾਇਰ ਕੀਤੇ ਹਨ ਅਤੇ ਹੋਰ ਵਿਅਕਤੀ/ਸੰਸਥਾਵਾਂ ਜੋ ਉਪਰੋਕਤ ਮਾਮਲੇ ਤੇ ਆਪਣੇ ਵਿਚਾਰ/ ਸੁਝਾਅ ਪੇਸ਼ ਕਰਨ ਦੇ ਚਾਹਵਾਨ ਹਨ, ਨੂੰ ਮਾਨਯੋਗ ਕਮਿਸ਼ਨ ਦੇ ਸਾਹਮਣੇ ਜਨਤਕ ਸੁਣਵਾਈ ਵਿੱਚ ਹਿੱਸਾ ਲੈਣ ਲਈ ਸੱਦਾ ਦਿੱਤਾ ਜਾਂਦਾ ਹੈ।


 ਉੱਪ ਮੁੱਖ ਇੰਜੀਨੀਅਰ/ਰੈਗੂਲੇਸ਼ਨ,
 ਪੀ.ਐਸ.ਪੀ.ਸੀ.ਐਲ., ਪਟਿਆਲਾ

**Copy of
Petition No.
62 of 2021**

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

IN THE MATTER OF

PETITION NO. of 2021

Petition for clarification regarding applicability of PIU tariff to Electroplating Industries and some other type of industries under regulation 69, 70, 71 & 72 of chapter XIII of the conduct of Business Regulations 2005

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

IN THE MATTER OF

PETITION NO. OF 2021

Petition for clarification regarding applicability of PIU tariff to Electroplating Industries and some other type of industries under regulation 69, 70, 71 & 72 of chapter XIII of the conduct of Business Regulations 2005.

AND

IN THE MATTER OF
PUNJAB STATE POWER CORPORATION LIMITED,
THE MALL, PATIALA, PUNJAB.

MOST RESPECTFULLY SHOWETH

1. That this petition is being filed by the petitioner i.e. Punjab State Power Corporation Limited (PSPCL) for seeking clarification regarding applicability of PIU tariff to Electroplating Industries and some other type of industries under regulation 69, 70, 71 & 72 of chapter XIII of the conduct of Business Regulations 2005.

2. Background

As per the Tariff Order/Instructions issued by Hon'ble PSERC from time to time, the following types of load have been declared as Power Intensive Units (PIUs):-

1. Induction Furnace.
2. Chloro-alkaline units.
3. Billet heaters having total installed/connected kVA rating more than 100 kVA. Where rating in kVA is not available, rated load in kW shall be converted into kVA considering unity power factor.
4. Surface hardening machines.
5. **Electrolytes process industries.**
6. Electric Bell Furnaces for annealing.
7. Arc furnaces (including Electro-Slag Refining /Re-melting).



During routine checking by PSPCL, it has been observed that some consumers have installed PIUs in due course of time without intimation to PSPCL and they have been booked under UUE. In larger public interest, PSPCL vide its memo no. 861-66 dated 09.12.2020 (**Annexure-A**) reiterated the instructions issued by commission in its order dated 26.06.2019 against Petition No. 49 of 2017 regarding regularization of PIU load. Public notices in this regard were also issued in leading newspapers to intimate that if any LS consumer covered under general industry is found using PIU load in his premises, then it will be treated as a case of Unauthorized Use of Electricity (UUE) as per provisions of Regulation 36 of Supply Code 2014 and Section 126 of Electricity Act 2003, for which penalty on account of UUE will be charged accordingly.

However, representations from various industries and industrial associations were received (placed at **Annexure-B**) wherein it is mentioned that some of their units are involved in operation of electroplating work and accordingly it was requested to clarify regarding applicability of PIU tariff to Electroplating Industries. Further, it has also been pointed out that Hon'ble Commission has declared Electrolytes process industries as PIU industries through Tariff Order. However, there is nowhere mentioned about Electroplating Industries to be covered under PIU tariff. Due to this, there is confusion among field offices of PSPCL and industries on the issue of applicability of PIU tariff to Electroplating Industry. Similarly, The Pathankot Road Manufacturers Association, Jalandhar vide their representation to CE/DS, North Zone, PSPCL, Jalandhar (**Annexure-C**) has also enclosed a list of doubtful process/machines which require clarification regarding applicability of PIU tariff. Enclosed list includes Hardening Furnaces, Tempering Furnaces, Metal Gathering Machines, Welding Machines/Butt Welding Machines and Power coating equipments. The Pathankot Road Manufacturers Association, Jalandhar has requested to carry out inspection/study of doubtful process/machines so that it may be clarified that whether such process/machines are covered under PIU industries or not.



3. Opinion of commercial wing of PSPCL on applicability of PIU tariff to Electroplating Industries

The difference between electrolysis and electroplating is tabulated as under:

Electrolysis	Electroplating
<ul style="list-style-type: none"> • Electrolysis is defined as a process of decomposing ionic compounds into their elements by passing a direct electric current through the compound in a fluid form. The cations are reduced at cathode and anions are oxidized at the anode. • The word "lysis" means to separate or break, so in terms, electrolysis would mean "breakdown via electricity. • For example, acidified or salt-containing water can be decomposed by passing electric current to their original elements hydrogen and oxygen. 	<ul style="list-style-type: none"> • Electroplating is basically a process of plating a metal onto the other mostly to prevent <u>corrosion of metal</u> or for decorative purposes. • Electroplating is an application of electrolysis process which uses an electric current to reduce dissolved metal cations to develop a lean coherent metal coating on the electrode. Electroplating is often applied in the electrical oxidation of anions on a solid substrate like the formation of silver chloride on silver wire to form silver chloride electrodes.
<p>Applications of Electrolysis process:</p> <ul style="list-style-type: none"> ➤ Determination of Equivalent Weight of Substances ➤ Electrolysis of Molten Salts ➤ Electrorefining – Purification of Metals ➤ Electroplating ➤ Electro-forming ➤ Manufacture of Pure Gases ➤ Manufacture of compounds like sodium hydroxide, sodium carbonate, potassium chlorate etc. 	<p>Applications of Electroplating:</p> <ul style="list-style-type: none"> ➤ Electroplating is used to protect various metals from <u>corrosion</u> by depositing coating of another metal. for example coating of iron with metals like zinc, lead, chromium, nickel improves the corrosion resistance of iron ➤ It is also used for making ornaments etc.. Gold and silver coating on cheaper metals is used for making ornaments. ➤ Sometimes it allows the manufacturers to make the product with economical materials and then coat the metals for improving its strength.



In view of above facts, it seems that electroplating industries uses electrolysis process for their operation. Accordingly, electroplating industries should be covered under PIU tariff.

4. Other process/type of industry which require clarification regarding applicability of PIU tariff:

In addition to electroplating industries, following type of industries also requires clarification regarding applicability of PIU tariff:

- i. Hardening Furnaces.
- ii. Tempering Furnaces.
- iii. Metal Gathering Machines.
- iv. Welding Machines/Butt Welding Machines.
- v. Power coating equipments.

5. Reason for filing petition before Hon'ble PSERC

Hon'ble PSERC in its order dated 26.06.2019 against Petition No. 49 of 2017 has directed PSPCL as under:-

"PSPCL is also directed not to charge any industry as PIU which is not included in the list of declared PIU Industries. However, as the technology is changing fast, there may be some new/existing Large Supply Industrial connection applicants/consumers whose process/technology may be similar to PIU but with different name than that declared as PIU by the Commission. Licensee may file petition with the Commission to include such processes under PIU category. Such industries shall be charged general tariff with the undertaking from the applicant that it will be charged applicable tariff from the date of release of connection/ extension in load as per the decision of the Commission in this regard."

In view of above instructions, PSPCL cannot charge any industry under PIU tariff which is not included in the list of declared PIU Industries. Since, there is no mention regarding Electroplating Industries to be covered under PIU tariff in Tariff order issued by Hon'ble PSERC, therefore matter was referred

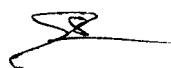


to Hon'ble PSERC vide this office memo no. 905/06/DD/SR-62 dated 31/12/2020 (**Annexure-D**).

However, Hon'ble PSERC vide their memo no. PSERC/Tariff/T-240/250-51 dated 19.01.2021 (**Annexure-E**) has stated that the mentioning of "Electrolytes process industries" under PIU category in Scheduled of Tariff annexed with the annual Tariff Orders is not a new phenomenon. The said industry continues to be covered in PIU since PSEB era. It is strange that Commercial section of PSPCL is unaware about the same. PSPCL may file a petition in case any clarifications/amendment to the Schedule of tariff is required.

In reference to the above mentioned memo no. PSERC/Tariff/T-240/250-51 dated 19.01.2021 received from Hon'ble PSERC, a detailed proposal for seeking clarification regarding applicability of PIU tariff to Electroplating Industries was submitted to Hon'ble PSERC vide this office memo no. 494/DD/SR-62 dated 21.06.2021 (**Annexure-F**) vide which it was pointed out that there is no ambiguity/confusion regarding applicability of PIU tariff to Electrolytic process industries. Electrolytic process industries have already been included under PIU tariff by Hon'ble PSERC. The para 82.3.2 of erstwhile PSEB's Electricity Supply Regulations also includes Electrolytic process industries under PIU tariff. However, the ambiguity is whether electroplating industries are covered under electrolytic process industries or not. This issue has been raised by field offices of PSPCL & concerned industries that whether electroplating industries are covered under Power Intensive Units (PIU) as there is no mention of electroplating industries in "schedules of tariff" issued by Hon'ble Commission vide its Tariff Order for FY 2021-22.

However, in reference to the above mentioned detailed proposal submitted by PSPCL, Hon'ble PSERC, vide their office memo no. 1622/PSERC/Tariff/T-241 dated 01.07.2021 (**Annexure-G**), has stated that PSPCL may file a petition in case any clarification is required in this regard



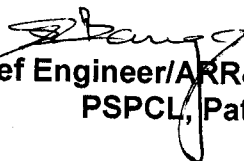
5. Prayer:

On the basis of facts & reasons brought out above, Hon'ble Commission is requested to clarify whether PIU tariff is applicable to following industries:

- i. Electroplating industries.*
- ii. Hardening Furnaces.*
- iii. Tempering Furnaces.*
- iv. Metal Gathering Machines.*
- v. Welding Machines/Butt Welding Machines.*
- vi. Power coating equipments.*

In case of applicability of PIU tariff on above mentioned industries, what will be the date of applicability of PIU tariff on these industries.

DA/Annexure-A to G.


Chief Engineer/ARR&TR,
PSPCL, Patiala.

PUNJAB STATE POWER CORPORATION LIMITED

(O/O CE/Commercial, Patiala, Ph.No.0175-2214495)
Regd. Office- PSEB Head Office, The Mall, Patiala-147001
Corporate Identity Number:U40109PB20108GC033813
Tele Fax:0175-2210320 email: ce-commercial@pspcl.in seregulation@gmail.com

To

All Engineer-in-Chief/Chief Engineer (DS),
Under Punjab State Power Corporation Limited

Memo No. 861/66 /DD/SR-62

Dated: 09/12/2020

Sub:- Regarding regularization of Power Intensive Unit (PIU) loads

As per the Tariff Order/Instructions issued by Hon'ble PSERC from time to time, the following types of load have been declared as Power Intensive Units (PIUs):-

1. Induction Furnace.
2. Chloro-alkaline units.
3. Billet heaters having total installed/connected kVA rating more than 100 kVA. Where rating in kVA is not available, rated load in kW shall be converted into kVA considering unity power factor.
4. Surface hardening machines.
5. Electrolytes process industries.
6. Electric Bell Furnaces for annealing.
7. Arc furnaces (including Electro-Slag Refining /Re-melting).

During checking by PSPCL, it has been observed that some consumers have installed PIUs in due course of time without intimation to PSPCL. If any general category LS consumer is found using PIU load in his premises, then it is treated as a case of Unauthorized Use of Electricity (UUE) as per provisions of Regulation 36 of Supply Code 2014 and Section 126 of Electricity Act 2003, for which penalty on account of UUE is charged accordingly.

The matter has been considered by higher authorities and it has been decided that in case any general category LS consumer whose connection is sanctioned/ released under general category and who have installed any PIU as per detail given above, a notice be issued to get the PIU loads regularized immediately without any further delay. Accordingly, draft notice to be issued to all LS consumers to get their PIU loads regularized is enclosed herewith. This draft notice shall be issued to all LS consumers by the concerned Sub-divisions of PSPCL within 7 days from the date of issue of these instructions. Further, Public Notice in this regard to be issued by this office in leading newspapers is also enclosed herewith. As desired by competent authority, field offices may also send this Public Notice to all LS consumers on respective e-mails (if available).

SR-62(2020)

-9-

Further, Instructions⁻²⁻ issued by Hon'ble PSERC in its order dated 26.06.2019, against Petition No. 49 of 2017 (circulated vide this office memo no. 1961-65/DD/SR-10 dated 10.12.2019) are again reiterated as under:-

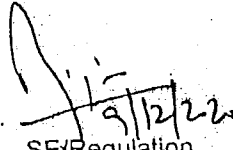
"PSPCL is also directed not to charge any industry as PIU which is not included in the list of declared PIU Industries. However, as the technology is changing fast, there may be some new/existing Large Supply Industrial connection applicants/consumers whose process/technology may be similar to PIU but with different name than that declared as PIU by the Commission. Licensee may file petition with the Commission to include such processes under PIU category. Such industries shall be charged general tariff with the undertaking from the applicant that it will be charged applicable tariff from the date of release of connection/extension in load as per the decision of the Commission in this regard."

Accordingly, it is once again requested to scrutinize the existing LS connections/A&A forms of LS connections and those connections whose process/technology seems to be similar to PIU, petition may be filed before PSERC by the concerned office under intimation to this office for their inclusion into the list of PIU industries. Further, this aspect be also taken into consideration at the time of release of new LS connections.

Meticulous compliance of the above instructions may please be ensured.

This issues with the approval of competent authority.

- DA/1. Draft notice.
- 2. Public Notice.


9/12/20
SE/Regulation,
for CE/Commercial,
PSPCL, Patiala.

cc: CE/EA & Enforcement, PSPCL, Patiala for kind information.

PUNJAB STATE POWER CORPORATION LIMITED

(O/O _____, Ph.No. _____, email: _____)

Regd. Office- PSEB Head Office, The Mall, Patiala-147001

Corporate Identity Number:U40109PB20108GC033813

DRAFT NOTICE

To

(Consumer Details)
(Name, Account No. and Address)

Memo No.....

Dated.....

Subject: Regarding regularization of Power Intensive Unit (PIU) load.

As per the Tariff Order/Instructions issued by Hon'ble PSERC from time to time, the following types of load have been declared as Power Intensive Units (PIUs) :-

1. Induction Furnace.
2. Chloro-alkaline units.
3. Billet heaters having total installed/connected kVA rating more than 100 kVA. Where rating in kVA is not available, rated load in kW shall be converted into kVA considering unity power factor.
4. Surface hardening machines.
5. Electrolytes process industries.
6. Electric Bell Furnaces for annealing.
7. Arc furnaces (including Electro-Slag Refining /Re-melting).

During checking by PSPCL, it has been observed that some consumers have installed PIUs in due course of time without intimation to PSPCL. If during checking, any general category LS consumer is found using PIU load in his premises, then it is treated as a case of Unauthorized Use of Electricity (UUE) as per provisions of Regulation 36 of Supply Code 2014 and Section 126 of Electricity Act 2003, for which penalty on account of UUE is charged accordingly. In case your connection is sanctioned/ released under general category and you have installed any PIU as per detail given above, you are requested to get your PIU loads regularized immediately without any further delay.

With regards,

Sub Divisional Officer,
------(Name of S/D).

1

-11-

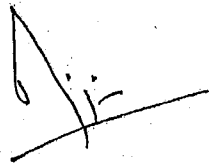
PUNJAB STATE POWER CORPORATION LIMITED

Regd. Office- PSEB Head Office, The Mall, Patiala-147001
Corporate Identity Number:U40109PB20108GC033813

(PUBLIC NOTICE)

As per the Tariff Order/Instructions issued by Hon'ble PSERC from time to time; Induction Furnace, Chloro-alkaline units, Billet heaters having total installed/connected kVA rating more than 100 kVA, Surface hardening machines, Electrolytes process industries, Electric Bell Furnaces for annealing, Arc furnaces (including Electro-Slag Refining /Re-melting) have been declared as Power Intensive Units (PIUs). Where rating of Billet heaters is not available in kVA, rated load in kW shall be converted into kVA considering unity power factor.

It has been observed during checking that some consumers have installed Power Intensive Units in due course of time without intimation to PSPCL. If during checking, any general category LS consumer is found using PIU load in his premises, then it will be treated as a case of Unauthorized Use of Electricity (UUE) as per provisions of Regulation 36 of Supply Code 2014 and Section 126 of Electricity Act 2003, for which penalty on account of UUE is charged accordingly. *In case your connection is sanctioned/ released under general category and you have installed any PIU as per detail given above, you are requested to get your PIU loads regularized immediately without any further delay.*


SE/Regulation,
For CE/Commercial,
PSPCL, Patiala.



(ਪਬਲਿਕ ਨੋਟਿਸ)

ਮਾਨਯੋਗ PSERC ਦੁਆਰਾ ਸਮੇਂ ਸਮੇਂ ਤੇ ਜਾਰੀ ਕੀਤੇ ਗਏ ਟੈਰਿਫ ਆਰਡਰ/ਹਦਾਇਤਾਂ ਦੇ ਅਨੁਸਾਰ; ਇੰਡਕਸ਼ਨ ਫਰਨੇਸ, ਕਲੋਰੋ-ਅਲਕਲਾਈਨ ਯੂਨਿਟ, ਬਿਲਟ ਹੀਟਰਜ਼ ਜਿਹਨਾਂ ਦੀ ਕੁੱਲ ਇੰਸਟਾਲਡ/ਕੂਨੈਕਟਿਡ kVA ਰੇਟਿੰਗ 100 kVA ਤੋਂ ਵੱਧ ਹੈ, ਸਰਫੇਸ ਹਾਰਡਨਿੰਗ ਮਸ਼ੀਨਾਂ, ਇਲੈਕਟ੍ਰੋਲਾਈਟਸ ਪ੍ਰੈਸੈਸ ਇੰਡਸਟਰੀਜ਼, ਐਨੀਨਲਿੰਗ ਲਈ ਇਲੈਕਟਰਿਕ ਬੈਲ ਫਰਨੇਸ, ਆਰਕ ਫਰਨੇਸ (ਇਲੈਕਟਰੋ-ਸਲੈਗ ਰਿਫਾਇਨਿੰਗ/ਰੀ-ਮੈਲਟਿੰਗ ਸਮੇਤ) ਨੂੰ ਪਾਵਰ ਇੰਟੈਂਸਿਵ ਯੂਨਿਟ (ਪੀ ਆਈ ਯੂ) ਘੋਸ਼ਣਾ ਕੀਤਾ ਗਿਆ ਹੈ। ਜਿੱਥੇ ਬਿਲਟ ਹੀਟਰ ਦੀ ਰੇਟਿੰਗ kVA ਵਿੱਚ ਉਪਲੱਬਧ ਨਹੀਂ ਹੈ, ਉੱਥੇ kW ਰੇਟਿੰਗ ਨੂੰ kVA ਰੇਟਿੰਗ ਵਿੱਚ ਯੂਨਿਟੀ ਪਾਵਰ ਫੈਕਟਰ ਮੰਨ ਕੇ ਬਦਲਿਆ ਜਾਂਦਾ ਹੈ।

ਚੈਕਿੰਗ ਦੌਰਾਨ ਇਹ ਦੇਖਿਆ ਗਿਆ ਹੈ ਕਿ ਕੁੱਝ ਖਪਤਕਾਰ ਬਿਨਾਂ ਪੀ.ਐਸ.ਪੀ.ਸੀ.ਐਲ ਨੂੰ ਸੂਚਿਤ ਕੀਤੇ ਪਾਵਰ ਇੰਟੈਂਸਿਵ ਯੂਨਿਟਸ ਸਥਾਪਤ ਕਰ ਲੈਂਦੇ ਹਨ। ਜੇਕਰ ਚੈਕਿੰਗ ਦੌਰਾਨ ਕੋਈ ਜਨਰਲ ਕੈਟਾਗਰੀ, ਐਲ.ਐਸ ਖਪਤਕਾਰ ਆਪਣੇ ਅਹਾਤੇ ਵਿੱਚ ਪੀ.ਆਈ.ਯੂ ਲੋਡ ਦੀ ਵਰਤੋਂ ਕਰਦਿਆਂ ਪਾਇਆ ਜਾਂਦਾ ਹੈ ਤਾਂ ਉਸਨੂੰ ਸਪਲਾਈ ਕੋਡ-2014 ਦੀ ਰੈਗੂਲੇਸ਼ਨ-36 ਅਤੇ ਇਲੈਕਟ੍ਰੀਸਿਟੀ ਐਕਟ-2003 ਦੀ ਧਾਰਾ-126 ਦੇ ਅਨੁਸਾਰ ਬਿਜਲੀ ;ਦੀ ਅਣਅਧਿਕਾਰਤ ਵਰਤੋਂ (ਯੂ.ਯੂ.ਈ) ਦਾ ਕੇਸ ਮੰਨਿਆ ਜਾਵੇਗਾ ਜਿਸਦੇ ਲਈ ਯੂ.ਯੂ.ਈ ਦੇ ਅਧਾਰ ਤੇ ਜੁਰਮਾਨਾ ਵਸੂਲਿਆ ਜਾਵੇਗਾ। ਜੇਕਰ ਕਿਸੇ ਖਪਤਕਾਰ ਦਾ ਕੂਨੈਕਸ਼ਨ ਜਨਰਲ ਕੈਟਾਗਰੀ ਅਧੀਨ ਮੰਨਜ਼ੂਰ/ਜਾਰੀ ਕੀਤਾ ਗਿਆ ਹੈ ਅਤੇ ਉਸ ਖਪਤਕਾਰ ਨੇ ਉਪਰੋਕਤ ਦਿੱਤੇ ਵੇਰਵਿਆਂ ਅਨੁਸਾਰ ਕੋਈ ਪੀ.ਆਈ.ਯੂ ਲੋਡ ਸਥਾਪਤ ਕਰ ਲਿਆ ਹੈ ਤਾਂ ਉਸ ਨੂੰ ਬੇਨਤੀ ਕੀਤੀ ਜਾਂਦੀ ਹੈ ਕਿ ਆਪਣੇ ਪੀ.ਆਈ.ਯੂ ਲੋਡ ਨੂੰ ਬਿਨਾਂ ਕਿਸੇ ਦੇਰੀ ਦੇ ਤੁਰੰਤ ਰੈਗੂਲਰ ਕਰਵਾਇਆ ਜਾਵੇ।

ਨਿਗਰਾਨ ਇੰਜੀਨੀਅਰ/ਰੈਗੂਲੇਸ਼ਨ,
ਵਾ:ਮੁੱਖ ਇੰਜੀਨੀਅਰ/ਵਣਜ,
ਪੀ.ਐਸ.ਪੀ.ਸੀ.ਐਲ, ਪਟਿਆਲਾ।

ਪੰਜਾਬ ਰਾਜ ਪਾਵਰ ਕਾਰਪੋਰੇਸ਼ਨ ਲਿਮਿਟਡ

49

ਦ: ਮੁੱਖ ਇੰਜੀਨੀਅਰ/ਸੰਚਾਲਣ, (ਕੇਂਦਰੀ), ਲੁਧਿਆਣਾ।

ਵੱਲ:-

ਮੁੱਖ ਇੰਜੀਨੀਅਰ/ਵਣਜ,
ਪੀ.ਐਸ.ਪੀ.ਸੀ.ਐੱਲ. ਪਟਿਆਲਾ।

Handwritten signature and initials

Dy. CE/S-I
Dy. CE/S-II
Dy. CE/Regulation
Sr. XEN/Comm.
Supdt. Comm.

ਮੀਮੋ ਨੰ. 6455

Handwritten initials

G.E./Comm.

ਮਿਤੀ: 28/6/2021

ਵਿਸ਼ਾ: ਕਲੈਰੀਫਿਕੇਸ਼ਨ ਬਾਬਤ ਮੀਮੋ ਨੰ. 861/66/ਡੀ.ਡੀ./ਐਸ.ਆਰ.-62 ਮਿਤੀ 09.12.2020

Handwritten note: cp-30

ਉਪਰੋਕਤ ਵਿਸ਼ੇ ਦੇ ਸਬੰਧ ਵਿੱਚ President (CICU) CHAMBER OF INDUSTRIAL & COMMERCIAL UNDERTAKINS (Govt. of India Recognized), E-648/A Phase-5, Focal Point Ludhiana ਵੱਲੋਂ ਪ੍ਰਤੀਵੇਦਨਾ ਪ੍ਰਾਪਤ ਹੋਈ ਹੈ, ਜਿਸ ਵਿੱਚ ਉਨ੍ਹਾਂ ਵੱਲੋਂ ਮੁੱਖ ਇੰਜੀਨੀਅਰ/ਕਮਰਸ਼ੀਅਲ ਪਟਿਆਲਾ ਵੱਲੋਂ ਜਾਰੀ ਕੀਤੇ ਗਏ ਪੱਤਰ ਨੰ. 861/66/ਡੀ.ਡੀ./ਐਸ.ਆਰ.62 ਮਿਤੀ 09.12.2020 ਦੇ ਲੜੀ ਨੰ. 5 ਤੇ ਦਰਸਾਏ ਗਏ Electrolytes Process Industries ਜੋ ਕਿ ਮਹਿਕਮੇ ਵੱਲੋਂ ਪੀ.ਆਈ.ਯੂ. ਘੋਸ਼ਿਤ ਕੀਤਾ ਗਿਆ ਹੈ, ਬਾਰੇ ਕਲੈਰੀਫਿਕੇਸ਼ਨ ਦੀ ਮੰਗ ਕੀਤੀ ਗਈ ਹੈ। ਉਨ੍ਹਾਂ ਵੱਲੋਂ ਲਿਖਿਆ ਗਿਆ ਹੈ ਕਿ ਬਹੁਤ ਸਾਰੇ ਉਦਯੋਗਿਕ ਯੂਨਿਟਾਂ ਵਿੱਚ Small Operation of Electroplating work ਕੀਤੇ ਜਾਂਦੇ ਹਨ। ਇਸ ਲਈ ਕੀ Electrolytes Process Industries ਅਤੇ Electroplating Process Industries ਇੱਕ ਹੀ ਹਨ? ਅਤੇ ਕੀ ਇਹ ਦੋਵੇਂ ਹੀ ਪੀ.ਆਈ.ਯੂ. ਅਧੀਨ ਆਉਂਦੇ ਹਨ? ਇਸ ਲਈ President (CICU) CHAMBER OF INDUSTRIAL & COMMERCIAL UNDERTAKINS (Govt. of India Recognized), E-648/A Phase-5, Focal Point Ludhiana ਵੱਲੋਂ ਪ੍ਰਾਪਤ ਹੋਈ ਪ੍ਰਤੀਵੇਦਨਾ ਸਮੇਤ ਮੁੱਖ ਇੰਜੀਨੀਅਰ/ਕਮਰਸ਼ੀਅਲ ਪਟਿਆਲਾ ਵੱਲੋਂ ਜਾਰੀ ਕੀਤੇ ਗਏ ਪੱਤਰ ਨੰ. 861/66/ਡੀ.ਡੀ./ਐਸ.ਆਰ.62 ਮਿਤੀ 09.12.2020 ਦੀ ਕਾਪੀ ਆਪ ਜੀ ਨੂੰ ਭੇਜਦੇ ਹੋਏ ਬੇਨਤੀ ਕੀਤੀ ਜਾਂਦੀ ਹੈ ਕਿ ਇਸ ਬਾਬਤ ਕਲੈਰੀਫਿਕੇਸ਼ਨ ਦਿੱਤੀ ਜਾਵੇ।

ਨੱਥੀ: ਉਪਰੋਕਤ ਅਨੁਸਾਰ।

ਮੁੱਖ ਇੰਜੀਨੀਅਰ/ਵਣਜ,
ਡਾਇਰੀ ਨੰ. 2/01 ਮਿਤੀ 20/6/21

Handwritten signature
ਮੁੱਖ ਇੰਜੀਨੀਅਰ/ਸੰਚਾਲਣ,
ਕੇਂਦਰੀ ਜ਼ੋਨ, ਪੀ.ਐਸ.ਪੀ.ਸੀ.ਐੱਲ.
ਲੁਧਿਆਣਾ।

Handwritten notes at the bottom left

Handwritten marks at the bottom center



CHAMBER OF INDUSTRIAL & COMMERCIAL UNDERTAKINGS

(Govt. of India Recognized)

OFFICE COMPLEX: E-64B/A, Phase-V, Focal Point, Ludhiana -141010
E-MAIL: cicu@cicuindia.org, info@cicuindia.org, info1@cicuindia.org

क्र. सं.:	1376
दि.:	09-6-21
व. सं.:	
व. सं.:	
व. सं.:	
व. सं.:	
व. सं.:	
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Dated 03.06.2021

6216/22

To
The Chief Engineer (Operation)
Central Zone, PSPCL
Ludhiana.

Subject: - Regarding clarification for Memo No. 861/66 / DD/SR-62 dated 09.12.2020. *cr-20*

Respected Sir,

This is in reference to circular bearing memo no. 861/66 / DD/SR-62 dated 09.12.2020 issued from your good office for regularization of Power Intensive Units Loads. There are number of units involved in small operation of electroplating work. Kindly provide us clarification whether electrolytes process industries and industries with electroplating process operation are same in nature and covered under PIU loads.

In the light of above you are requested to give us clarification so that we could comply with further compliance of the order.

Thanking you

Yours Truly,

UPKAR SINGH AHUJA
President (CICU)

CC: 1. C.M.D PSPCL Patiala
2. Director PSPCL Patiala

Head Office: M.C. Block No. 2, 11nd Floor, Gill Road, Ludhiana - 141003
Telephone: +91-161-2671551, 2670888, 4642551, Fax: +91-161-2671551
Website: www.cicuindia.org

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31
1

For: [unclear]

GM Sir, need your immediate help for clarification on electrolytes process and electroplating process. A huge cry is coming from the industry in this respect after issue of memo no 861/66 dt 9.12.2020, There is difference of opinion among the engineers about this. Some are saying that electroplating is same. Read more

15:27

For: [unclear]

Excuse me Sir,
For conclusion and necessary action please.

15:27

For: [unclear]

GM Sir, need your immediate help for clarification on electrolytes process and electroplating process. A huge cry is coming from the industry in this respect after issue of memo no 861/66 dt 9.12.2020, There is difference of opinion among the engineers about this. Some are saying that electroplating is same as electrolytes and some are saying it is not same. Meanwhile we request you to please give time of 1 or 2 months to the industry for getting their connections changed from general to PTU.

~

[Signature]



SWAN
PRIZES (REGD.)

LUDHIANA - 141003 (INDIA)



ISO/TS16949:2009

Amritsar - B

Ph. : 0161-4346001 to 10 TELE/FAX : 91-161-2532622
E-mail : new-swan@usa.net Website : www.swanindia.com

Dated 03.06.2021

To
The Chief Engineer (Operation)
Central Zone, PSPCL
Ludhiana

Subject: Regarding clarification for Memo No. 861/66 / DD/SR-62 dated 09.12.2020

Respected Sir,

This is in reference to circular bearing memo no. 861/66 / DD/SR-62 dated 09.12.2020
requesting your good office for regularization of Power Intensive Units Loads. Some of our
units located at Focal Point, Phase -VIII, Ludhiana are involved in small operation of
electroplating work, kindly give us clarification whether electrolytes process industries and
electroplating process operation are same in nature and covered under PIU

In the light of above you are requested to give us clarification so that we could comply with
the compliance of the order.

ਮੁੱਖ ਇੰਜੀਨੀਅਰ/ਵਰਕ,
ਭਾਇਰੀ ਨੰ/84/ ਮਿਤੀ 09.06.2021

Yours Truly,

(UPKAR SINGH)

C/o 622, Industrial Area-B
Ludhiana -141003

10/6/2021

Regional PSPCL Patiala

1624/13/020
8/6/2021

Duty No. 1369
Date 08/6/21
PS/DIC

CMD
D/S
S/S
9/6

W/B
A/S
10/1/21

ਭਾਇਰੀ ਨੰ/84/ ਮਿਤੀ 09.06.2021

-17-

CHAMBER OF INDUSTRIAL & COMMERCIAL UNDERTAKINGS

(Govt. of India Recognized)

CICU

OFFICE COMPLEX: E-648/A, Phase-V, Focal Point, Ludhiana - 141010
E-MAIL: cicu@cicuindia.org, info@cicuindia.org, info1@cicuindia.org

Dated 03.06.2021

To

The Chief Engineer (Operation)
Central Zone, PSPCL
Ludhiana.

Subject: - Regarding clarification for Memo No. 861/66 / DD/SR-62 dated 09.12.2020.

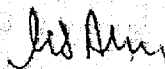
Respected Sir,

This is in reference to circular bearing memo no. 861/66 / DD/SR-62 dated 09.12.2020 issued from your good office for regularization of Power Intensive Units Loads. There are number of units involved in small operation of electroplating work. Kindly provide us clarification whether electrolytes process industries and industries with electroplating process operation are same in nature and covered under PIU loads.

In the light of above you are requested to give us clarification so that we could comply with further compliance of the order.

Thanking you

Yours Truly,



UPKAR SINGH AHUJA
President (CICU)

1. C.M.O. PSPCL Patiala
2. Director PSPCL Patiala



-18

Annex C-18

ਵੱਲ
ਉਪ ਮੁੱਖ ਇੰਜੀ: / ਸਲਜ-2
ਡਾਇਰੀ ਨੰ: 511 ਮਿਤੀ: 16/02/2021
ਮੁੱਖ ਇੰਜੀਨੀਅਰ/ਵਣਜ,
ਪੰ:ਸ:ਪਾ:ਕਾ:ਲਿਮ:ਪਟਿਆਲਾ।

Signature

Dy. GE/S-I
Dy. CE/S-II (Reg)
Dy. CE/Regulation
Sr. XEN/Comm.
Supdt. Comm.

G.E./Comm.

SR-6

ਪੱਤਰ ਨੰ: 21261

ਮਿਤੀ 29.12.20

Handwritten notes
16/2

ਵਿਸ਼ਾ: Regarding regularization of Power Intensive Unit (PIU) loads.

ਉਪਰੋਕਤ ਵਿਸ਼ੇ ਦੇ ਸਬੰਧ ਵਿਚ ਆਪਜੀ ਦੀ ਜਾਣਕਾਰੀ ਹਿੱਤ ਲਿਖਿਆ ਜਾਂਦਾ ਹੈ ਕਿ ਮਿਤੀ 28.12.20 ਨੂੰ ਨਿਸਨਹਸਤਾਖਰ ਕਰਤਾ ਦੀ ਪ੍ਰਧਾਨਗੀ ਹੇਠ ਇਸ ਸਰਕਲ ਅਧੀਨ Industrial associations for redressal of their grivances ਨਾਲ ਮੀਟਿੰਗ ਹੋਈ ਜਿਸ ਵਿਚ ਉਪਰੋਕਤ ਵਿਸ਼ੇ ਸਬੰਧੀ ਆਪਜੀ ਦੇ ਦਫਤਰ ਦੇ ਮੀਮੋ ਨੰ: 8611/66/DD/SR-62 ਮਿਤੀ 9.12.20 ਨਾਲ ਜਾਰੀ ਕੀਤੀਆਂ ਹਦਾਇਤਾਂ ਦੀ ਪਾਲਣਾ ਹਿੱਤ ਉਦਯੋਗਿਕ ਖਪਤਕਾਰਾਂ ਵਲੋਂ ਵਿਚਾਰ ਵਟਾਂਦਰਾ ਕੀਤਾ ਗਿਆ ਅਤੇ ਇਸ ਦੇ ਸਬੰਧ ਵਿਚ The Pathankot Road Manufacturers association ਦੇ ਜਨਰਲ ਸਕੱਤਰ ਵਲੋਂ ਉਕਤ ਪੱਤਰ ਦੇ ਸਬੰਧ ਵਿਚ ਉਦਯੋਗਾਂ ਵਿਚ ਲੱਗੇ ਪਾਵਰ ਇਨਟੈਂਸਿਵ ਲੋਡ ਨੂੰ ਰੈਗੂਲਰ ਕਰਨ ਦੇ ਸਬੰਧ ਵਿਚ ਕੁਝ ਮੁੱਦਿਆਂ ਨੂੰ ਕਲੈਰੀਫਾਈ ਕਰਨ ਲਈ ਮੰਗ ਪੱਤਰ ਦਿੱਤਾ ਗਿਆ ਜਿਸ ਦੀ ਕਾਪੀ ਪੱਤਰ ਨਾਲ ਨੱਥੀ ਕੀਤੀ ਜਾਂਦੀ ਹੈ ਅਤੇ ਇਸ ਪੱਤਰ ਨਾਲ List of Machinery or which clarification is required ਵੀ ਨੱਥੀ ਕੀਤਾ ਗਿਆ ਹੈ। ਇਸ ਸਬੰਧੀ ਜਲਦੀ ਤੋਂ ਜਲਦੀ ਇਸ ਦਫਤਰ ਨੂੰ ਸਪਸ਼ਟ ਕੀਤਾ ਜਾਵੇ ਕਿ ਉਦਯੋਗਿਕ ਖਪਤਕਾਰਾਂ ਵਲੋਂ ਦਿੱਤੇ ਮੰਗ ਪੱਤਰ ਵਿਚ ਦਰਸਾਈ Electoplatng plants, Hardening Furnaces, Tempering Furnaces, Metal Gathering Machines, Welding Machines/Butt Welding Machines and Powder coating equipments ਨਾਲ ਸਬੰਧਤ ਲੋਡ ਪਾਵਰ ~~ਇਨਟੈਂਸਿਵ ਵਿਚ ਆਉਂਦੇ ਹਨ ਜਿਨ੍ਹਾਂ ਵਿਚ~~ ਇਸ ਬਾਰੇ ਜਲਦੀ ਤੋਂ ਜਲਦੀ ਕਲੈਰੀਫਿਕੇਸ਼ਨ ਕੀਤੀ ਜਾਵੇ ਤਾਂ ਜੋ ਅਗਲੀ ਮੀਟਿੰਗ ਵਿਚ ਉਦਯੋਗਿਕ ਖਪਤਕਾਰਾਂ ਨੂੰ ਇਸ ਬਾਰੇ ਸਪਸ਼ਟ ਕੀਤਾ ਜਾ ਸਕੇ। ਪੱਤਰ ਲੋੜੀਂਦੀ ਸੇਧ ਹਿੱਤ ਅਗਲੀ ਕਾਰਵਾਈ ਲਈ ਭੇਜਿਆ ਜਾਂਦਾ ਹੈ।

ਨੱਥੀ/ਪੱਤਰ ਦੀ ਕਾਪੀ।

ਉਪ ਮੁੱਖ ਇੰਜੀਨੀਅਰ,
ਵੰਡ ਹਲਕਾ, ਜਲੰਧਰ।

ਨੰ: 21261 ਏ ਮਿਤੀ 29.12.20

ਸੀਸੀ:- ਮੁੱਖ ਇੰਜੀਨੀਅਰ/ਵੰਡ ਉਤਰ ਜ਼ੋਨ ਜਲੰਧਰ ਜੀ ਨੂੰ ਸੂਚਨਾ ਅਤੇ ਅਗਲੀ ਕਾਰਵਾਈ ਹਿੱਤ।

ਨੱਥੀ/1 ਨੰ:

ਮੁੱਖ ਇੰਜੀਨੀਅਰ/ਵਣਜ,

ਡਾਇਰੀ ਨੰ: 517 ਮਿਤੀ: 15.02.2021

SR-62

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THE PATHANKOT ROAD MANUFACTURERS ASSOCIATION

President :

Ashwani Aggarwal

Super Tech Forgings (India) Pvt. Ltd.

Phone : 098140-60855

General Secretary :

Shant Kumar

Hamco Ispat Pvt. Ltd.

Phone : 094170-17676

E-mail : hamcoispat@gmail.com

The Chief Engineer, North (Op),
PSPCL, Jalandhar.

December 27, 2020

Sub: Clarification on machines/processes and its Category.

Dear Sir,

We would like to inform you that PSPCL vide memo no 861/66 dt 09.12.2020 has stated that a few of machinery/processes has been declared as power intensive whereas the Industry is treating the same as General Category. It is also mentioned in the above said memo that machines/processes similar to the listed in the memo are also likely to be treated as power intensive and Industry should change it's A & A forms accordingly.

The Industry is in panic and under confusion as to which of the machines/processes are to taken into account as power intensive and which are to be taken as General. There is no Data/information available with the Industry which can guide it. A list of a few of such machines/processes are attached herewith.

It is suggested that a team of officials of the PSPCL at Jalandhar be made and Industry be visited for inspection/study of the various doubtful processes/machines and Industry be informed about its category.

Meanwhile it is also requested that there should be no checking in this respect and Industry be given time to change it's A & A forms.

Hope an early thought will be given to the above. Meanwhile, we remain Thankful to you.

The Pathankot Road
Manufacturers Association

Sh
Gen. Secretary

THE PATHANKOT ROAD MANUFACTURERS ASSOCIATION

President :

Ashwani Aggarwal

Super Tech Forgings (India) Pvt. Ltd.

Phone : 098140-60855

General Secretary :

Shant Kumar

Hamco Ispai Pvt. Ltd.

Phone : 094170-17676

E-mail : hamcoispat@gmail.com

LIST OF MACHINERY FOR WHICH CLARIFICATION IS REQUIRED

1. Electroplating Plants: flow of current is managed from AC to DC through Rectifiers.
2. Hardening Furnaces: material is hardened using radiant tube heaters along with step down transformers.
3. Tempering Furnaces: material is heated using electric spring wires heaters.
4. Metal Gathering Machines: electrically material is heated using heaters.
5. Welding machines/Butt Welding Machines.
6. Powder coating equipments.

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Annex-D.

PUNJAB STATE POWER CORPORATION LIMITED

(O/O CE/Commercial, Patiala, Ph.No.0175-2214496)
Regd. Office- PSEB Head Office, The Mall, Patiala-147001
Corporate Identity Number:U40109PB20108GC033813
Tele Fax: 0175-2210320 email: ce-commercial@pspcl.in seregulation@gmail.com

To

✓
The Secretary,
Punjab State Electricity Regulatory Commission (PSERC),
Site no. 3, sector-18A, Madhya Marg,
Chandigarh -160018.

Memo No: 905/06/DD/SR-62 Dated: 31/12/2020

Sub:- Clarification regarding Electroplating Industries under Power Intensive Unit (PIU) loads.

As per the Tariff Order/Instructions issued by Hon'ble PSERC from time to time, the following types of load have been declared as Power Intensive Units (PIUs):-

1. Induction Furnace.
2. Chloro-alkaline units.
3. Billet heaters having total installed/connected kVA rating more than 100 kVA. Where rating in kVA is not available, rated load in kW shall be converted into kVA considering unity power factor.
4. Surface hardening machines.
5. Electrolytes process industries.
6. Electric Bell Furnaces for annealing.
7. Arc furnaces (including Electro-Slag Refining /Re-melting).

During routine checking by PSPCL, it has been observed that some consumers have installed PIUs in due course of time without intimation to PSPCL and they have been booked under UUE. In larger public interest, PSPCL vide its memo no. 861-66 dated 09.12.2020 (copy enclosed) reiterated the instructions issued by commission in its order dated 26.06.2019 against Petition No. 49 of 2017 regarding regularization of PIU load. Public notices in this regard were also issued in leading newspapers to intimate that if any LS consumer covered under general industry is found using PIU load in his premises, then it is treated as a case of Unauthorized Use of Electricity (UUE) as per provisions of Regulation 36 of Supply Code 2014 and Section 126 of Electricity Act 2003, for which penalty on account of UUE is charged accordingly.

Now, representations from various industries and industrial associations are being received regarding applicability of PIU tariff to Electroplating Industries. It has

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been pointed out that commission has put the Electrolytes Industries under PIU tariff. There is nowhere mentioned about Electroplating Industries to be covered under PIU tariff. There is confusion among field offices of PSPCL and Industries on the issue of applicability of PIU tariff to Electroplating Industry.

P SERC in its order dated 26.06.2019 against Petition No. 49 of 2017 has directed PSPCL as under:-

"PSPCL is also directed not to charge any industry as PIU which is not included in the list of declared PIU Industries. However, as the technology is changing fast, there may be some new/existing Large Supply Industrial connection applicants/consumers whose process/technology may be similar to PIU but with different name than that declared as PIU by the Commission. Licensee may file petition with the Commission to include such processes under PIU category. Such industries shall be charged general tariff with the undertaking from the applicant that it will be charged applicable tariff from the date of release of connection/extension in load as per the decision of the Commission in this regard."



Accordingly, in view of above instructions, Hon'ble PSERC is requested to clarify whether PIU tariff is applicable to electroplating industries. In case, it has been clarified that PIU tariff is applicable to electroplating industries, then what will be the date of applicability of PIU tariff on these industries.

This issues with the approval of competent authority.

DA/ As above


CE/Commercial
PSPCL, Patiala.

CC: CE/ARR & TR, PSPCL, Patiala for information please.

PUNJAB STATE ELECTRICITY REGULATORY COMMISSION
SITE NO. 3, SECTOR 18-A, MADHYA MARG, CHANDIGARH

Annex E

To

The Chief Engineer/ARR & TR,
Punjab State Power Corp. Ltd,
Shed No.F-4, Shakti Vihar,
Patiala
Email: ce-arr-tr@pspcl.in
directortrpseb@yahoo.com

ਉਪ ਮੁੱਖ ਇੰਜੀ./ਸਲਾਹ-2
ਡਾਇਰੀ ਨੰ: 116 ਮਿਤੀ 27/01/21

Dy. CE/S-I
Dy. CE/S-II (Chief)
Dy. CE/Regulation
Sr. XEN/Comm.
Supdt. Comm.

No. PSERC/Fariff/T-240/

Dated:

[Handwritten signature]

C.E./Comm.

Subject: Clarification regarding Electroplating Industries under Power Intensive Unit (PIU) loads.

Reference: CE/Commercial memo No. 905/06/DD/SR-62 dated 31.12.2020.

The mentioning of "Electrolytes process industries" under PIU category in Scheduled of Tariff annexed with the annual Tariff Orders is not a new phenomenon. The said industry continues to be covered in PIU since PSEB era. (refer to para 82.3.2 of erstwhile PSEB's Electricity Supply Regulations). It is strange that Commercial Section of PSPCL is unaware about the same.

PSPCL may file a petition in case any clarifications /amendment to the Scheduled of Tariff is required.

[Handwritten signature]
Secretary

CC: The Chief Engineer/Commercial, PSPCL, PSEB Head Office,
The Mall, Patiala. Email: ce-commercial@pspcl.in

U. 251
dated 19/1/2021

ਉਪ ਇੰਜੀਨੀਅਰ/ਵਟਸ,
ਡਾਇਰੀ ਨੰ: 30 ਮਿਤੀ 27-01-2021

[Handwritten signature]

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PUNJAB STATE POWER CORPORATION LIMITED

(O/O CE/Commercial, Patiala, Ph.No.0175-2214495)

Regd. Office- PSEB Head Office, The Mall, Patiala-147001

Corporate Identity Number:U40109PB20108GC033813

Tele Fax: 0175-2210320

email: ce-commercial@pspcl.in , sesalestwo@gmail.com

Annex-F

To

✓ The Secretary,
Punjab State Electricity Regulatory Commission (PSERC),
Site no. 3, sector-18A, Madhya Marg,
Chandigarh -160018.

Memo No. 494 /DD/SR-62

Dated: 21/06/2021

Sub:- Clarification regarding Electroplating Industries under Power Intensive Unit (PIU) loads.

Ref.: Your office memo no. PSERC/Tariff/T-240/250-51 dated 19.01.2021

In context to the memo in reference on subject cited above, please find a proposal for clarification regarding Electroplating Industries under Power Intensive Unit (PIU) loads of PSPCL. It is requested to consider the prayer of the PSPCL as mentioned in sr. no. 5 of attached proposal and accordingly provide the requisite clarification.

This issues with the approval of competent authority.

DA/ As above


CE/Commercial
PSPCL, Patiala.

CC: CE/ARR & TR, PSPCL, Patiala for information please.

PUNJAB STATE POWER CORPORATION LIMITED

(O/O CE/Commercial, Patiala, Ph.No.0175-2214495)
Regd. Office- PSEB Head Office, The Mall, Patiala-147001
Corporate Identity Number:U40109PB20108GC033813
Tele Fax: 0175-2210320 email: ce-commercial@pspccl.in sesalestwo@gmail.com

Sub: Proposal for getting clarification from Hon'ble PSERC regarding applicability of PIU tariff to Electroplating Industries

1. Background

As per the Tariff Order/Instructions issued by Hon'ble PSERC from time to time, the following types of load have been declared as Power Intensive Units (PIUs):-

1. Induction Furnace.
2. Chloro-alkaline units.
3. Billet heaters having total installed/connected kVA rating more than 100 kVA. Where rating in kVA is not available, rated load in KW shall be converted into kVA considering unity power factor.
4. Surface hardening machines.
5. Electrolytes process industries.
6. Electric Bell Furnaces for annealing.
7. Arc furnaces (including Electro-Slag Refining /Re-melting).

During routine checking by PSPCL, it has been observed that some consumers have installed PIUs in due course of time without intimation to PSPCL and they have been booked under UUE. In larger public interest, PSPCL vide its memo no. 861-66 dated 09.12.2020 (Annexure-A) reiterated the instructions issued by commission in its order dated 26.06.2019 against Petition No. 49 of 2017 regarding regularization of PIU load. Public notices in this regard were also issued in leading newspapers to intimate that if any LS consumer covered under general industry is found using PIU load in his premises, then it is treated as a case of Unauthorized Use of Electricity (UUE) as per provisions of Regulation 36 of Supply Code 2014 and Section 126 of Electricity Act 2003, for which penalty on account of UUE is charged accordingly.

However, representations from various industries and industrial associations were received (placed at annexure-B) wherein it is mentioned that some of their units are involved in operation of electroplating work and accordingly it was requested to clarify regarding applicability of PIU tariff to Electroplating Industries. Further, it has also been pointed out that Hon'ble Commission has declared Electrolytes process industries as PIU industries through Tariff Order. However, there is nowhere mentioned about Electroplating Industries

to be covered under PIU tariff. Due to this, there is confusion among field offices of PSPCL and industries on the issue of applicability of PIU tariff to Electroplating Industry.

2. **Opinion of commercial wing of PSPCL on applicability of PIU tariff to Electroplating Industries**

The difference between electrolysis and electroplating is tabulated as under:

Electrolysis	Electroplating
<ul style="list-style-type: none"> • Electrolysis is defined as a process of decomposing ionic compounds into their elements by passing a direct electric current through the compound in a fluid form. The cations are reduced at cathode and anions are oxidized at the anode. • The word "lysis" means to separate or break, so in terms, electrolysis would mean "breakdown via electricity." • For example, acidified or salt-containing water can be decomposed by passing electric current to their original elements hydrogen and oxygen. 	<ul style="list-style-type: none"> • Electroplating is basically a process of plating a metal onto the other mostly to prevent corrosion of metal or for decorative purposes. • Electroplating is an application of electrolysis process which uses an electric current to reduce dissolved metal cations to develop a lean coherent metal coating on the electrode. Electroplating is often applied in the electrical oxidation of anions on a solid substrate like the formation of silver chloride on silver wire to form silver chloride electrodes.
<p>Applications of Electrolysis process:</p> <ul style="list-style-type: none"> ➤ Determination of Equivalent Weight of Substances ➤ Electrolysis of Molten Salts ➤ Electrowinning - Purification of Metals ➤ Electroplating ➤ Electro-forming ➤ Manufacture of Pure Gases ➤ Manufacture of compounds like sodium hydroxide, sodium carbonate, potassium chlorate etc. 	<p>Applications of Electroplating:</p> <ul style="list-style-type: none"> ➤ Electroplating is used to protect various metals from corrosion by depositing coating of another metal. For example coating of iron with metals like zinc, lead, chromium, nickel improves the corrosion resistance of iron ➤ It is also used for making ornaments etc. Gold and silver coating on cheaper metals is used for making ornaments. ➤ Sometimes it allows the manufacturers to make the product with economical materials and then coat the metals for improving its strength.

In view of above facts, it seems that electroplating industries uses electrolysis process for their operation. Accordingly, electroplating industries should be covered under PIU tariff.

3. Reason for seeking clarification from Hon'ble PSERC

PSERC in its order dated 26.06.2019 against Petition No. 49 of 2017 has directed PSPCL as under:-

"PSPCL is also directed not to charge any industry as PIU which is not included in the list of declared PIU Industries. However, as the technology is changing fast, there may be some new/existing Large Supply Industrial connection applicants/consumers whose process/technology may be similar to PIU but with different name than that declared as PIU by the Commission. Licensee may file petition with the Commission to include such processes under PIU category. Such industries shall be charged general tariff with the undertaking from the applicant that it will be charged applicable tariff from the date of release of connection/ extension in load as per the decision of the Commission in this regard."

In view of above instructions, PSPCL cannot charge any industry under PIU tariff which is not included in the list of declared PIU Industries. Since, there is no mention regarding Electroplating Industries to be covered under PIU tariff in Tariff order issued by Hon'ble PSERC, therefore Hon'ble PSERC was requested to clarify whether PIU tariff is applicable to electroplating industries vide this office memo no. 905/06/DD/SR-62 dated 31/12/2020 (Annexure-C).

4. Reply from Hon'ble PSERC

Hon'ble PSERC vide their memo no. PSERC/Tariff/T-240/250-51 dated 19.01.2021 (Annexure-D) has stated that the mentioning of "Electrolytes process industries" under PIU category in Scheduled of Tariff annexed with the annual Tariff Orders is not a new phenomenon. The said industry continues to be covered in PIU since PSEB era. It is strange that Commercial section of PSPCL is unaware about the same. PSPCL may file a petition in case any clarifications/amendment to the Schedule of tariff is required.

5. Prayer of PSPCL

In reference to the above mentioned memo no. PSERC/Tariff/T-240/250-51 dated 19.01.2021 received from Hon'ble PSERC, it is submitted that there is no ambiguity/confusion regarding applicability of PIU tariff to Electrolytic process industries. Electrolytic process industries have already been included under PIU tariff by Hon'ble PSERC. The para 82.3.2 of erstwhile PSEB's Electricity Supply Regulations also includes Electrolytic process industries under PIU tariff. However, the ambiguity is whether electroplating industries are covered

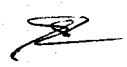
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under electrolytic process industries or not. This issue has been raised by field offices of PSPCL & concerned industries that whether electroplating industries are covered under Power Intensive Units (PIU) as there is no mention of electroplating industries in "schedules of tariff" issued by Hon'ble Commission vide its Tariff Order for FY 2021-22.

On the basis of facts & reasons brought out above, Hon'ble Commission is requested to clarify whether PIU tariff is applicable to electroplating industries. In case of applicability of PIU tariff on electroplating industries, what will be the date of applicability of PIU tariff on these industries.


CE/Commercial
PSPCL, Patiala.





PUNJAB STATE ELECTRICITY REGULATORY COMMISSION
SITE NO. 3, SECTOR 18-A, MADHYA MARG, CHANDIGARH-160018

Annex-5

The Chief Engineer/Commercial,
Punjab State Power Corporation Limited,
PSEB, Patiala.
Email: ce-commercial@pspcl.in

ABE/SR
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Dy. CE/S-I
Dy. CE/S-II
Dy. CE/Regulation
Sr. XEN/Comm.
Supdt. Comm.
6/2
O.E./Comm.

No. 1622 PSERC/Tariff/T-240

Dated: 1/7/2021

Subject: Clarification regarding Electroplating Industries under Power Intensive Unit (PIU) loads.

Reference: Your office memo no. 494/DD/SR-62 dated 21.06.2021.

PSPCL may file a petition in case any clarification in this regard is required.

Signature
Secretary

ਉਪ ਮੁੱਖ ਇੰਜੀ/ਕੋਮ-2

ਮਿਤੀ: 10.8.2021 ਮਿ. 08/7/2021

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PQ Harmonic Data

for 37 no. Sample Consumers:

- i) for 01.01.24 to 21.01.24**
- ii) for 22.01.24 to 04.02.24**

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PQ Harmonic Data of 37 Nos Sample Consumers (22.01.24 to 04.02.24)

S.No.	Circle	Consumer name	Total	PIU	GEN	95TH Percentile Values										99TH Percentile Values									
						ISC/ltl	Limit 95TH	Status	Max 95TH TOD Value (in case fails)	Excess % TOD Over Limit	Limit 99TH	Status	Max 99TH TOD Value (in case fails)	Excess % TOD Over Limit	Fall % TOD Value for Compensation Value (in case fails)	Penalty as per Regulation Value (in case fails)									
																	Value	Value	Pass/Fail	Value (in case fails)	Value	Value	Value (in case fails)	Value (in case fails)	Value (in case fails)
ELECTROPLATING																									
1	Patla	Bodal Chemicals	35000	35000	0	9.00	5	PASS			7.5	PASS													
2	Ludhiana W	Highway Industries	5000	5000	0	20.00	8	PASS			12	PASS													
3	Ludhiana W	Kangaroo Industries	4200	70	4130	32.97	8	FAIL	13.09	5.09	12	FAIL	14.17	2.17	5.09	5.09	3%								
4	Patla	GSA Ull Jalinder Pal PTA	2625	1280	1345	29.92	8	FAIL	25.8	17.80	12	FAIL	27.35	15.35	17.80	7%									
5	Ludhiana W	Veenu Gupta	2494.444	1250	1244.444	13.00	5	FAIL	12.15	7.15	7.5	FAIL	13.47	5.97	7.15	4%									
6	Ludhiana W	East man Forge	1900	1900	0	20.12	8	PASS			12	PASS													
7	Ludhiana W	Nicks Tool	2100	1359.66	740.34	29.00	8	FAIL	13.6	5.60	12	FAIL	15.58	3.58	5.60	3%									
8	Ludhiana W	D K Alloys	1845	0	1845	13.00	5	FAIL	11.97	6.97	7.5	FAIL	13.12	5.62	6.97	4%									
9	Ludhiana W	Jindba Industry	2200	0	2200	24.00	8	FAIL	8.44	0.44	12	PASS		0.44	0.44	1%									
10	Khanna	Kanin India	1300	258	1042	34.00	8	FAIL	12.27	4.27	12	FAIL	13.68	1.68	4.27	3%									
HARDENING FURNACE																									
11	Khanna	Madhav KRG Akalgarh	35000	20394	14606	25.28	8	PASS			12	PASS													
12	Khanna	RP Multimetal	22819	16819	6000	13.54	5	FAIL	6.37	1.37	7.5	FAIL	7.31	-0.19	1.37	1%									
13	Hoshiarpur	GNA Gulabgarh	13000	5838	7162	36.00	8	PASS			12	PASS													
14	Hoshiarpur	ITL	12900	0	12900	24.00	8	PASS			12	PASS													
15	Hoshiarpur	GNA Axles	12333.33	4988.666	7344.666	12.00	5	PASS			7.5	PASS													
16	Ludhiana W	Happy Forging UZ Kangrahal	8000	8000	0	76.12	12	PASS			18	PASS													
17	Khanna	Vimal Alloys	7818	7818	0	22.61	8	PASS			12	PASS													
18	Ludhiana W	ESS ESS Steel	2800	2490	310	13.00	5	PASS			7.5	PASS													
19	Hoshiarpur	Reliance Industry	6800	0	6800	24.00	8	PASS			12	PASS													
20	Hoshiarpur	GNA Duraparts	9700	5140	4560	28.00	8	FAIL	12.62	4.62	12	FAIL	15.31	3.31	4.62	3%									
21	Khanna	Har Har Mahadev	6600	6600	0	26.00	8	PASS			12	PASS													
22	Ludhiana W	Garg Furnace	6500	6500	0	23.32	8	PASS			12	PASS													
23	Hoshiarpur	Usha Martin	5775	0	5775	6.81	5	FAIL	22.34	17.34	7.5	FAIL	25.16	17.66	17.66	7%									
24	Ludhiana W	Happy Forging Machine DV LDH	5500	5500	0	29.96	8	PASS			12	PASS													
25	Ludhiana W	Avon Ispat	5278	688	4590	119.44	15	PASS			22.5	PASS													
26	Ludhiana W	OSHO Forging	4500	3550	950	29.40	8	FAIL	13.27	5.27	12	FAIL	16.05	4.05	5.27	3%									
27	Barhinda	Stelco Industry	3400	0	3400	20.00	8	PASS			12	PASS													
TEMPERING MACHINE																									
28	Mohali	Sadashiv Casting	14732	9000	5732	10.00	5	FAIL	17.17	12.17	7.5	FAIL	19.32	11.82	12.17	6%									
29	Mohali	Nibber Casting	3000	2427.77	572.23	35.00	8	FAIL	23.77	15.77	12	FAIL	25.37	13.37	15.77	7%									
30	Khanna	Ganpati Bodybuilder	2998.889	2998.889	0	22.00	8	FAIL	12.39	4.39	12	FAIL	13.64	1.64	4.39	3%									
METAL GATHERING MACHINES																									
31	Ropar	RB Gear	590	422	168	26.00	8	FAIL	19.58	11.58	12	FAIL	25.72	13.72	13.72	6%									
32	Ropar	SrriJMD Industry	203	0	203	108.00	15	PASS			22.5	PASS													
WELDING/BUTT WELDING MACHINES																									
33	Patla	GSA-1 Daulapur	3611	2511	1100	4.36	5	FAIL	19.51	14.51	7.5	FAIL	20.45	12.95	14.51	6%									
34	Khanna	Techno Strips & Tubes	995	0	995	42.00	8	FAIL	24.12	16.12	12	FAIL	29.25	17.25	17.25	7%									
35	Ludhiana E	Excellent forge LDH	1499	900	599	54.22	12	FAIL	16.65	4.65	18	FAIL	19.59	1.59	4.65	3%									
POWDER COATING EQUIPMENTS																									
36	Ropar	SML ISUZU	4700	0	4700	13.00	5	PASS			7.5	PASS													
37	Ludhiana W	Sun Beam	1500	0	1500	28.00	8	PASS			12	PASS													

WV
 Add: Sec
 Nodal Officer-1/Commercial
 Mohali, Patla