



National Electric Power Regulatory Authority

ISLAMIC REPUBLIC OF PAKISTAN

NEPRA Head Office

Ataturk Avenue (East) Sector G-5/1, Islamabad.

Ph:051-2013200, Fax: 051-2600021

**Consumer Affairs
Department**

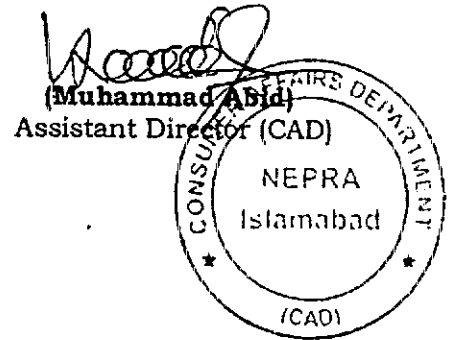
TCD 06/ **3270** -2025
August 08, 2025

Chief Executive Officer, MEPCO,
MEPCO Complex, WAPDA Colony,
Khanewal Road, Multan.

Subject: **CLARIFICATION SOUGHT BY SAMSONS AGRI FARMS REGARDING USE OF
CAPACITOR IN AGRICULTURAL ELECTRICITY INFRASTRUCTURE**
MEPCO-10/07/2025

Please find enclosed herewith the decision of NEPRA Complaints Resolution Committee (CRC) dated August 8, 2025, regarding the subject matter for necessary action.

Encl: As above



Copy: -

1. C.E/ Customer Services Director, MEPCO,
MEPCO Complex, WAPDA Colony,
Khanewal Road, Multan.
2. Chief Engineer (P&D)
Multan Electric Power Company (MEPCO),
MEPCO Complex, WAPDA Colony,
Khanewal Road, Multan.
3. Samsons Agri Farms,
Rangpur, Muzaffargarh.



**BEFORE THE
NATIONAL ELECTRIC POWER REGULATORY AUTHORITY
(NEPRA)**

Complaint No. MEPCO-10-07-25

Samsons Agri Farms,
Rangpur, Muzaffargarh.

..... **Sponsor**

Versus

Multan Electric Power Company (MEPCO)
MEPCO Complex, WAPDA Colony,
Khanewal Road, Multan.

..... **Respondent**

Date of Hearing: August 04, 2025

On behalf of:

Sponsor:

Sheeraz Khan (Samsons Group, Consultant)
Barrister Mansoor (Samsons Group, Chief Corporate Officer)

Respondent:

Arshad Munir (Addl. Manager P&E, MEPCO)

**Subject: DECISION IN THE MATTER OF CLARIFICATION SOUGHT BY
SAMSONS AGRI FARMS REGARDING USE OF CAPACITOR IN
AGRICULTURAL ELECTRICITY INFRASTRUCTURE**

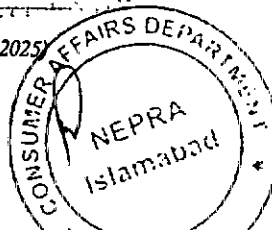
DECISION

This decision shall dispose of the clarification sought by Samsons Agri farms regarding use of capacitor in agricultural electricity infrastructure (hereinafter referred to as 'the Sponsor').

2. Brief facts of the case are that Samson Agri Farm submitted a proposal to the Planning Department of MEPCO, which included the installation of capacitors to ensure voltage stability and system feasibility. However, MEPCO suggested proceeding with the case without the installation of capacitors.


3. In order to discuss the matter further, a hearing was held on August 04, 2025 at NEPRA Head Office, Islamabad which was attended by both the parties i.e. MEPCO in person & the Sponsor (online). The case has been examined in detail in light of the record made so available by both the parties, arguments advanced during the hearing and applicable law. Following has been observed:


- (i) The Sponsor has sought clarification regarding the installation of capacitors within agricultural electricity infrastructure. A proposal was submitted to MEPCO, requesting the installation of capacitors to ensure voltage stability and overall system feasibility, however, MEPCO, has explicitly stated that the design provided by Samsons Agri Farms for capacitor installation is not implementable, mentioning that such installations are typically reserved for housing schemes.




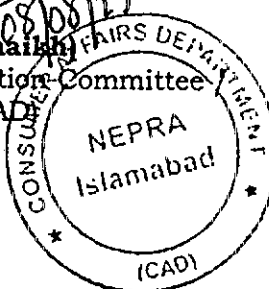
- (ii) MEPCO carried out a voltage drop analysis using two different software platforms. The results showed a slight variation: one platform indicated a 5% voltage drop, while the other reported a 6% drop.
- (iii) Performance Standards Distribution Rules (PSDR) – 2005, Part III "Overall Standards of Performance", Clause d(i) stipulates: "A distribution company shall supply power to at least 95% of its consumers within the range of $\pm 5\%$ of the nominal voltage."
- (iv) The voltage drop analysis, as revealed through both software tools, indicates that the values are bordering the allowable threshold even in the analysis, the voltage drop is beyond the permissible limits. This highlights the pressing need for proactive measures to ensure voltage stability within the distribution system. In light of the findings, MEPCO should take necessary steps and adopt suitable remedial strategies to maintain optimal voltage levels and avoid threshold violations. Specifically, MEPCO should consider installing VAR compensators or capacitors to effectively manage reactive power and strengthen overall system stability, thereby ensuring a reliable and efficient power supply to the Complainant.

4. In view of the foregoing, MEPCO is hereby directed to undertake necessary corrective measures on cost deposit basis to maintain voltage levels within permissible limits and avoid any threshold violations. This shall include, where technically feasible, the installation of VAR compensators or capacitors to effectively regulate reactive power, improve system stability, and ensure the reliable operation of the distribution network.


(Lashkar Khan Qambrani)
 Member, Complaints Resolution Committee/
 Director (CAD)


(Muhammad Irfan ul Haq)
 Member, Complaints Resolution Committee/
 Legal Advisor (CAD)


(Naweed Illahi Shaikh)
 Convener, Complaints Resolution Committee/
 Director General (CAD)



Islamabad, August 08, 2025.