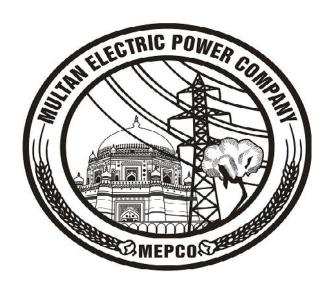
# MEPCO (WAPDA) MULTAN



PERFORMANCE STANDARD (DISTRIBUTION)

QUARTERLY PERFORMANCE REPORT

FOR 1ST QUARTER 2015-16

Form-1
CONSUMER SERVICES AND SYSTEM PERFORMANCE FOR 2015-2016 (1st Quarter 07/2015 to 09/2015)
Guaranteed Standards Un-Planned Power Supply Interruptions
Sheet 1

| Total Number of Consumer unplanned |                                     | Number of Unplanned<br>Consumer Power Supply<br>Interruptions (GSIU) |                            | Number of Unplanned<br>Consumer Power<br>Supply Interruptions<br>(GSIR) |                            | Maximum Permitted Number of Unplanned Power Supply                       | Number of<br>Consumers<br>whose number<br>of Unplanned                     | Maximum Power Supply Interruption aggregate                     | Number of<br>consumer whose<br>aggregate<br>Planned Power  |
|------------------------------------|-------------------------------------|----------------------------------------------------------------------|----------------------------|-------------------------------------------------------------------------|----------------------------|--------------------------------------------------------------------------|----------------------------------------------------------------------------|-----------------------------------------------------------------|------------------------------------------------------------|
| Supply<br>Voltage                  | consumer Power Supply Interruptions | Restored<br>within<br>10 Hrs                                         | Extend<br>Beyond<br>10 Hrs | Restored<br>within<br>16 Hrs                                            | Extend<br>Beyond<br>16 Hrs | Interruptions for<br>each Individual<br>Consumer per<br>quarter<br>(GS2) | Power Supply<br>Interruptions<br>exceeded the<br>maximum limit<br>of (GS2) | duration (Hours) for each individual consumer per quarter (GS3) | Supply Interruption duration exceeded the Maximum limit of |
| 220 KV                             | -                                   | -                                                                    | -                          | -                                                                       | -                          | 1.5                                                                      | -                                                                          | 6.5                                                             | -                                                          |
| 132 KV                             | -                                   | -                                                                    | -                          | -                                                                       | -                          | 1.5                                                                      | -                                                                          | 6.5                                                             | -                                                          |
| 66 KV                              | -                                   | -                                                                    | -                          | -                                                                       | -                          | 1.5                                                                      | -                                                                          | 6.5                                                             | -                                                          |
| 33 KV                              | -                                   | -                                                                    | -                          | -                                                                       | -                          | 8                                                                        | -                                                                          | 11                                                              | -                                                          |
| 11 KV                              | 1034                                | -                                                                    | -                          | 1034                                                                    | -                          | 8                                                                        | 46                                                                         | 11                                                              | 0                                                          |
| 400/230 V<br>Urban                 | 72395425                            | 72395425                                                             | -                          | -                                                                       | -                          | 15                                                                       | 1234543                                                                    | 22                                                              | 931299                                                     |
| 400/230 V<br>Rural                 | 248888739                           | -                                                                    | 248888739                  | -                                                                       | -                          | 20                                                                       | 2845960                                                                    | 44                                                              | 2596488                                                    |

Form-2
CONSUMER SERVICES AND SYSTEM PERFORMANCE FOR 2015-2016 (1st Quarter 07/2015 to 09/2015)
Guaranteed Standards Un-Planned Power Supply Interruptions
Sheet 2

| Consumer Supply<br>Voltage | Maximum Permitted Number of<br>Planned Power Supply<br>Interruptions for each Individual<br>Consumer per Quarter (GS4) | Number of Consumers whose<br>number of Planned Power<br>Supply Interruptions exceeded<br>the maximum limit of (GS4) | Maximum Power Supply<br>Interruption aggregate duration<br>(Hours) for each individual<br>consumer per Quarter (GS5) | Number of consumer whose aggregate Planned Power Supply Interruption duration exceeded the Maximum limit of (GS5) |
|----------------------------|------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| 220 KV                     | 1                                                                                                                      | -                                                                                                                   | 9                                                                                                                    | -                                                                                                                 |
| 132 KV                     | 1                                                                                                                      | -                                                                                                                   | 9                                                                                                                    | -                                                                                                                 |
| 66 KV                      | 1                                                                                                                      | -                                                                                                                   | 9                                                                                                                    | -                                                                                                                 |
| 33 KV                      | 2                                                                                                                      | -                                                                                                                   | 9                                                                                                                    | -                                                                                                                 |
| 11 KV                      | 2                                                                                                                      | 18                                                                                                                  | 9                                                                                                                    | 0                                                                                                                 |
| 400/230 V<br>Urban         | 4                                                                                                                      | 176968                                                                                                              | 20                                                                                                                   | 160440                                                                                                            |
| 400/230 V<br>Rural         | 4                                                                                                                      | 714892                                                                                                              | 24                                                                                                                   | 442066                                                                                                            |

Form-3
CONSUMER SERVICES AND SYSTEM PERFORMANCE FOR 2015-2016 (1st Quarter 07/2015 to 09/2015)
Guaranteed Standards Un-Planned Power Supply Interruptions
Sheet 3

| Consumer Supply Voltage | Maximum Permitted Number of short duration<br>Power Supply Interruptions for each Individual<br>Consumer per Quarter (GS6) | Number of Consumers whose short duration Power Supply Interruptions exceeded the maximum limit of (GS6) |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|
| 132/66 KV               | 1                                                                                                                          | -                                                                                                       |
| 33/11 KV                | 35                                                                                                                         | 1                                                                                                       |
| 400/230 V Urban         | 69                                                                                                                         | 0                                                                                                       |
| 400/230 V Rural         | 75                                                                                                                         | 49934                                                                                                   |

Form-4
CONSUMER SERVICES AND SYSTEM PERFORMANCE FOR 2015-2016 (1st Quarter 07/2015 to 09/2015)
Over all Standards - Average Power Supply Interruptions
Sheet 4

| Consumer Supply<br>Voltage | Total number of consumer served by the distribution company in a year | Total number of consumer<br>Power Supply Interruption** | SAIFI<br>(OSI)<br>(4) = (3) / (2) | Aggregate Sum of all consumer Power of Supply Interruption Duration in Minutes*** | SAIDI<br>(OS2)<br>(6) =(5)/(2) |
|----------------------------|-----------------------------------------------------------------------|---------------------------------------------------------|-----------------------------------|-----------------------------------------------------------------------------------|--------------------------------|
| 220 KV                     | 1                                                                     | -                                                       | 0                                 | -                                                                                 | 0                              |
| 132 KV                     | 7                                                                     | -                                                       | 0                                 | -                                                                                 | 0                              |
| 66 KV                      | -                                                                     | -                                                       | 0                                 | -                                                                                 | 0                              |
| 33 KV                      | -                                                                     | -                                                       | 0                                 | -                                                                                 | 0                              |
| 11 KV                      | 196                                                                   | 1148                                                    | 6                                 | 30234                                                                             | 154                            |
| 400/230 V                  | 5030751                                                               | 331669830                                               | 66                                | 28894847897                                                                       | 5744                           |

Form-5
CONSUMER SERVICES AND SYSTEM PERFORMANCE FOR 2015-2016 (1st Quarter 07/2015 to 09/2015)
Guaranteed Standards - Time Frame for New Connections

| Eligible Consumer's New Power Supply<br>Connection requirements Voltage and Load level<br>Specific | Maximum* Time Period for Provision of new Connection (Calander Days) (Overall Standard-3 (OS3) | Total Number of<br>Eligible<br>consumers who<br>applied for a new<br>connection | Total Number of eligible consumers who applied for a new connection and were connected with in maximum permitted time period of OS3 | Total Number eligible consumers who applied for a new connection but did not receive connection within the maximum permitted time period of OS3 | Remarks                                  |
|----------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|
| Voltage level upto 400 V and load upto 15 KW (Urban)                                               | 30                                                                                             | 28116                                                                           | 25024                                                                                                                               | 3092                                                                                                                                            |                                          |
| Voltage level upto 400 V and load upto 15 KW (Rural)                                               | 45                                                                                             | 33935                                                                           | 32239                                                                                                                               | 1696                                                                                                                                            | 1- Non                                   |
| Voltage level upto 400 V and load upto 15 KW but not exceeding 70 KW                               | 53                                                                                             | 460                                                                             | 437                                                                                                                                 | 23                                                                                                                                              | Availability of Material.                |
| Voltage level upto 400 V and load above 70 KW but not exceeding 500 KW                             | 73                                                                                             | 84                                                                              | 80                                                                                                                                  | 4                                                                                                                                               | 2- Non<br>Verification of<br>Test Report |
| Voltage level upto 11 KV or 33 KV and load above 500 KW but not exceeding 5000 KW                  | 106                                                                                            | 0                                                                               | 0                                                                                                                                   | 0                                                                                                                                               | 3- Civil Suite                           |
| Voltage level 166 KV and above for all load                                                        | 496                                                                                            | 0                                                                               | 0                                                                                                                                   | 0                                                                                                                                               |                                          |

Form-6

# CONSUMER SERVICES AND SYSTEM PERFORMANCE Annual REPORT FOR 2015-16 (1st Quarter 07/2015 to 09/2015)

## Overall Standards - Nominal Voltages Sheet 6

| Consumer Supply<br>Voltage (OS4) | Maximum permitted voltage level deviations | Number of consumers who requested their power supply voltage level to be checked | Number of times where a remedial action followed a consumer request about his power supply voltage level check |
|----------------------------------|--------------------------------------------|----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| 220 KV (if applicable)           | +/- 5%                                     | -                                                                                | -                                                                                                              |
| 132 KV                           | +/- 5%                                     | -                                                                                | -                                                                                                              |
| 66 KV                            | +/- 5%                                     | -                                                                                | -                                                                                                              |
| 33 KV                            | +/- 5%                                     | -                                                                                | -                                                                                                              |
| 11 KV                            | +/- 5%                                     | -                                                                                | -                                                                                                              |
| 400/230 V Urban                  | +/- 5%                                     | -                                                                                | -                                                                                                              |
| 400/230 V Rural                  | +/- 5%                                     | -                                                                                | -                                                                                                              |

# Form-7

### CONSUMER SERVICES AND SYSTEM PERFORMANCE Annual REPORT FOR 2015-16 (1st Quarter 07/2015 to 09/2015)

# Overall Standards - Frequency Sheet 7

| Consumer Frequency | Maximum permitted frequency deviation | Total Number of consumers who requested their frequency level to be checked | Total Number of times where a remidial action followed a consumer request about his frequency level check |
|--------------------|---------------------------------------|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| 50 Hertz           | + 1%                                  | -                                                                           | -                                                                                                         |

Form-8

CONSUMER SERVICES AND SYSTEM PERFORMANCE Annual REPORT FOR 2015-16 (1st Quarter 07/2015 to 09/2015)

Overall Standards - Load Shedding

| Priority Group of<br>Consumers                                           | Number of Instances<br>of actuation of load<br>shedding (OS6) | Average duration of<br>Load Shedding<br>Period (Hours) | Maximum duration of load shedding period (Hours) | Number of consumers<br>effected in each<br>priority group | Load (MW) interrupted<br>due to load shedding in<br>each priority group |
|--------------------------------------------------------------------------|---------------------------------------------------------------|--------------------------------------------------------|--------------------------------------------------|-----------------------------------------------------------|-------------------------------------------------------------------------|
| Consumers in Rural areas,<br>and residential consumers in<br>Urban areas | Urban- 6 Times Rural-<br>6 Times                              | Urban- 6 Hrs Rural-<br>8 Hrs                           | 2-3 Hrs                                          | 3.81 Million                                              | 1964 MW (Appr)                                                          |
| Consumers other than<br>Industrial in Urban areas                        | Urban- 6 Times                                                | Urban- 6 Hrs                                           | 2 Hrs                                            | 0.43 Million                                              | 290 MW (Appr)                                                           |
| Agricultural consumers where there is dedicated supply                   | `-                                                            | `-                                                     | `-                                               | `-                                                        | `-                                                                      |
| Industrial Consumers                                                     | Independent- 1 Time<br>Mix Feeder- 2 Time                     | Independent- 4 Hrs<br>Mix Feeder- 4 Hrs                | 4 Hrs                                            | 0.007 Million                                             | 364 MW (Appr)                                                           |
| Supply to Schools and<br>Hospitals                                       | Urban- 6 Times Rural-<br>6 Times                              | Urban- 6 Hrs Rural-<br>8 Hrs                           | 4 Hrs                                            | 0.01 Million                                              | 20 MW (Appr)                                                            |
| Defense / Strategic installation                                         | Exempted from Load Shedding                                   |                                                        |                                                  | 26 No. Feeders                                            | 18 MW (Appr)                                                            |

Form-9

CONSUMER SERVICES AND SYSTEM PERFORMANCE Annual REPORT FOR 2015-16 (1st Quarter 07/2015 to 09/2015)

Overall Standards - Safety

| Type of Incident                                                                                                                   | Number of Electrical Incidents | Average duration of<br>Absence from Work | Longest duration of absesce from work |
|------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|------------------------------------------|---------------------------------------|
| Electrical Incident resulting in death                                                                                             | 3                              | -                                        | -                                     |
| Electrical incident resulting in injury to member of staff requiring hospital treatment or absence from work for five days or more | 2                              | -                                        | -                                     |
| Electrical incident resulting in injury to member of staff requiring absence from work for 1-5 days                                | `-                             | -                                        | -                                     |
| Electrical incident resulting in injury to member of staff not requiring absence from work                                         | `-                             | -                                        | -                                     |
| Electrical incident resulting in death or permanent serious injury/disability to member of public                                  | 3                              | -                                        | -                                     |
| Electrical incident injuring member of the public involving <u>Distribution Company's plant or equipment</u>                       | `-                             | -                                        | -                                     |
| Electrical incident injuring member of the public not involving Distribution Company's plant or equipment                          | `-                             | -                                        | -                                     |
| Safety reports received on toll free telephone number                                                                              | NIL                            | -                                        | -                                     |

# CONSUMER SERVICES AND SYSTEM PERFORMANCE FOR 2015-16 (1st Quarter 07/2015 to 09/2015) Consumer Formal Complaints Report Sheet 10

| Nature of Complaint      | Received in Person | Received by<br>Telephone | Received<br>Electronically | Received in writing | Average Time in<br>Hrs to resolve a<br>complaint | Longest Time in Hrs<br>to resove a<br>Complaint |
|--------------------------|--------------------|--------------------------|----------------------------|---------------------|--------------------------------------------------|-------------------------------------------------|
| Price of Electricity     | 3690               | 445                      | 0                          | 120                 | 01 to 02                                         | 3 to 3                                          |
| Reliability of<br>Supply | 2835               | 4865                     | 0                          | 216                 | 01 to 02                                         | 3 to 4                                          |
| Planned<br>Interruptions | 103                | 341                      | 0                          | 11                  | 1.2 to 2.25                                      | 3 to 4                                          |
| Supply Voltage<br>Level  | 402                | 623                      | 0                          | 136                 | 1.2 to 2.12                                      | 2 to 4                                          |
| New Connection           | 2215               | 93                       | 0                          | 93                  | 10 to 25                                         | 20 to 38                                        |
| Safety                   | 23                 | 19                       | 0                          | 36                  | 01 to 02                                         | 1                                               |
| Other                    | 2274               | 793                      | 0                          | 185                 | 01 to 02                                         | 1 to 3.25                                       |

Form-11
CONSUMER SERVICES AND SYSTEM PERFORMANCE FOR 2015-16 (1st Quarter 07/2015 to 09/2015)
System Performance
Sheet 11

| System Voltage            | Total Length of Distribution System in Service (KM) | Total Number of Distribution System fault | Faults/KM of distribution system |
|---------------------------|-----------------------------------------------------|-------------------------------------------|----------------------------------|
| 220 KV<br>(if applicable) | -                                                   | -                                         | -                                |
| 132 KV                    | 5.5                                                 | -                                         | -                                |
| 66 KV                     | -                                                   | -                                         | -                                |
| 33 KV                     | -                                                   | -                                         | -                                |
| 11 KV                     | 1085                                                | 1076                                      | 0.99                             |
| 400/230 V                 | 46909                                               | 49311                                     | 1.05                             |