

Appendix A

Infrastructure of network:

| Name foreign | Region | Sub-Group | Main group | Group |
|--|-------------------------|--------------------------|-------------|----------------|
| 33KV Disconnecter switch | Main | Autocloser switch | Switchgear | Infrastructure |
| 33KV Disconnecter switch outdoor | اسطاس | network switch gear | Switchgear | Infrastructure |
| 33KV Disconnecter switch outdoor | ادغبيس | network switch gear | Switchgear | Infrastructure |
| 33KV Disconnecter switch outdoor | كروم الغرابية | network switch gear | Switchgear | Infrastructure |
| 33KV Disconnecter switch outdoor | قرنة الفننة | network switch gear | Switchgear | Infrastructure |
| 33KV Disconnecter switch outdoor | القطروانية | network switch gear | Switchgear | Infrastructure |
| 33KV Disconnecter switch outdoor | الحورة | network switch gear | Switchgear | Infrastructure |
| 33KV Disconnecter switch outdoor | لوزة | network switch gear | Switchgear | Infrastructure |
| 33KV Disconnecter switch outdoor | القرنة | network switch gear | Switchgear | Infrastructure |
| 33KV Disconnecter switch outdoor | ابو دعجان | network switch gear | Switchgear | Infrastructure |
| 33KV Disconnecter switch outdoor | الخمجات | network switch gear | Switchgear | Infrastructure |
| 400KVA | اسطاس | Transformer 33/0.4 Kv | Transformer | Infrastructure |
| 630KVA | ادغبيس | Transformer 33/0.4 Kv | Transformer | Infrastructure |
| 630KVA | اول البلد (هاني) | Transformer 33/0.4 Kv | Transformer | Infrastructure |
| 150KVA | الحورة (وجيه) | Transformer 33/0.4 Kv | Transformer | Infrastructure |
| 630KVA | الحورة (رسمي) | Transformer 33/0.4 Kv | Transformer | Infrastructure |
| 400KVA | كروم الغرباء (ابو عماد) | Transformer 33/0.4 Kv | Transformer | Infrastructure |
| 630KVA | وسط البلد | Transformer | Transformer | Infrastructure |

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|------------------------|-----------------------|------------------------------------|-------------------|----------------|
| 33/0.4 Kv | | | | |
| 250KVA | قرنة الفننة | Transformer 33/0.4 Kv | Transformer | Infrastructure |
| 250KVA | القطروانية | Transformer 33/0.4 Kv | Transformer | Infrastructure |
| 250KVA | ادغبيس | Transformer 33/0.4 Kv | Transformer | Infrastructure |
| 150KVA | لوزة | Transformer 33/0.4 Kv | Transformer | Infrastructure |
| 400KVA | لوزة | Transformer 33/0.4 Kv | Transformer | Infrastructure |
| 400KVA | القرنة | Transformer 33/0.4 Kv | Transformer | Infrastructure |
| 400KVA | ابو دعجان | Transformer 33/0.4 Kv | Transformer | Infrastructure |
| 400KVA | السعايدة | Transformer 33/0.4 Kv | Transformer | Infrastructure |
| 250KVA | كروم الغرباء | Transformer 33/0.4 Kv | Transformer | Infrastructure |
| 400KVA | الخمجات واد عزيز | Transformer 33/0.4 Kv | Transformer | Infrastructure |
| 3 feeders 630A | لوحة تغذية القرنة | Panel distribution transformers | Transformer | Infrastructure |
| 4 feeders 400A | لوحة كروم الغرابية | Panel distribution transformers | Transformer | Infrastructure |
| 4 feeders 630A | لوحة تغذية لوزة | Panel distribution transformers | Transformer | Infrastructure |
| 3 feeders 400A | لوحة ابو دعجان | Panel distribution transformers | Transformer | Infrastructure |
| 4 feeders 400A | لوحة قرنة الفننة | Panel distribution transformers | Transformer | Infrastructure |
| 1 feeder 400A | لوحة القطروانية | Panel distribution transformers | Transformer | Infrastructure |
| 2 feeders 1000A | لوحة ادغبيس | Panel distribution transformers | Transformer | Infrastructure |
| 2 feeders 400A | لوحة ادغبيس 2 | Panel distribution transformers | Transformer | Infrastructure |
| 4 feeders 630A | لوحة حارة السعايدة | Panel distribution transformers | Transformer | Infrastructure |
| 4 feeders 630A | لوحة الحورة | Panel distribution transformers | Transformer | Infrastructure |
| 4 feeders 630A | لوحة الخمجات واد عزيز | Panel distribution transformers | Transformer | Infrastructure |
| cable Drum500mtr | network | Cable 33 KV | Cable | Infrastructure |
| 3*120+1*150CU | network | Cable 33 KV | Cable | Infrastructure |
| (4x50 +2x25mm2) ABC | network | Overhead lines 400 v | Overhead lines | Infrastructure |
| 4*25 Aluminum | network | Overhead lines 400 v | Overhead lines | Infrastructure |
| 3*95+3*25 Aluminum | network | Overhead lines 400 v | Overhead lines | Infrastructure |

| | | | | |
|----------------------------------|---------|-------------------------------|-----------------|----------------|
| (4X95+2X25 mm ²) ABC | network | Overhead lines 400 v | Overhead lines | Infrastructure |
| Surge arresters | network | Surge arresters | Surge arresters | Infrastructure |
| 10-25A | network | 10-25A | fuses | Infrastructure |
| Cuneiform and disc insulators | network | Cuneiform and disc insulators | Insulator | Infrastructure |
| shunt capacitor | network | shunt capacitor | shunt capacitor | Infrastructure |

Special industrial transformer :

| transformer type | Name foreign | Sub-Group | industrial transformers | Group | number |
|------------------------------|--------------|-----------------------|---------------------------|----------------|--------|
| Liquid-immersed, self-cooled | 400 | Transformer 33/0.4 Kv | Industrial quarries | Infrastructure | 1 |
| Liquid-immersed, self-cooled | 400 | Transformer 33/0.4 Kv | Industrial quarries | Infrastructure | 2 |
| Liquid-immersed, self-cooled | 400 | Transformer 33/0.4 Kv | Industrial quarries | Infrastructure | 3 |
| Liquid-immersed, self-cooled | 400 | Transformer 33/0.4 Kv | Industrial quarries | Infrastructure | 4 |
| Liquid-immersed, self-cooled | 630 | Transformer 33/0.4 Kv | Industrial quarries | Infrastructure | 5 |
| Liquid-immersed, self-cooled | 630 | Transformer 33/0.4 Kv | Industrial quarries | Infrastructure | 6 |
| Liquid-immersed, self-cooled | 400 | Transformer 33/0.4 Kv | Industrial quarries | Infrastructure | 7 |
| Liquid-immersed, self-cooled | 400 | Transformer 33/0.4 Kv | Industrial quarries | Infrastructure | 8 |
| Liquid-immersed, self-cooled | 630 | Transformer 33/0.4 Kv | Industrial quarries | Infrastructure | 9 |
| Liquid-immersed, self-cooled | 400 | Transformer 33/0.4 Kv | Industrial quarries | Infrastructure | 10 |
| Liquid-immersed, self-cooled | 630 | Transformer 33/0.4 Kv | Industrial quarries | Infrastructure | 11 |
| Liquid-immersed, self-cooled | 400 | Transformer 33/0.4 Kv | Industrial waste industry | Infrastructure | 12 |

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|------------------------------|-----|-----------------------|---------------------------|----------------|----|
| Liquid-immersed, self-cooled | 250 | Transformer 33/0.4 Kv | Industrial waste industry | Infrastructure | 13 |
| Liquid-immersed, self-cooled | 100 | Transformer 33/0.4 Kv | Industrial waste industry | Infrastructure | 14 |
| Liquid-immersed, self-cooled | 630 | Transformer 33/0.4 Kv | Industrial waste industry | Infrastructure | 15 |
| Liquid-immersed, self-cooled | 400 | Transformer 33/0.4 Kv | Industrial waste industry | Infrastructure | 16 |