

| ВРЕМЯ    | ПОКАЗАНИЯ ПРИБОРОВ |      |                   |                   |          |                |                   | Мощность, кВт<br>активная<br>расчетная | Мощность, кВАР<br>реактивная<br>расчетная | Cos φ | Tg |
|----------|--------------------|------|-------------------|-------------------|----------|----------------|-------------------|--|---|-------|----|
|          | U, кВ              | I, А | Счетчик<br>актив. | Счетчик<br>реакт. | S<br>МВА | P, акт.<br>МВт | Q, реакт.<br>МВАР |  |   |       |    |
| 00:00:00 |                    |      |                   |                   |          |                |                   |  |   |       |    |
| 1:00:00  |                    |      |                   |                   |          |                |                   |  |   |       |    |
| 2:00:00  |                    |      |                   |                   |          |                |                   |  |   |       |    |
| 3:00:00  |                    |      |                   |                   |          |                |                   |  |   |       |    |
| 4:00:00  |                    |      |                   |                   |          |                |                   |  |   |       |    |
| 5:00:00  |                    |      |                   |                   |          |                |                   |  |   |       |    |
| 6:00:00  |                    |      |                   |                   |          |                |                   |  |   |       |    |
| 7:00:00  |                    |      |                   |                   |          |                |                   |  |   |       |    |
| 8:00:00  |                    |      |                   |                   |          |                |                   |  |   |       |    |
| 9:00:00  |                    |      |                   |                   |          |                |                   |  |   |       |    |
| 10:00:00 |                    |      |                   |                   |          |                |                   |  |   |       |    |
| 11:00:00 |                    |      |                   |                   |          |                |                   |  |   |       |    |
| 12:00:00 |                    |      |                   |                   |          |                |                   |  |   |       |    |
| 13:00:00 |                    |      |                   |                   |          |                |                   |  |   |       |    |
| 14:00:00 |                    |      |                   |                   |          |                |                   |  |   |       |    |
| 15:00:00 |                    |      |                   |                   |          |                |                   |  |   |       |    |
| 16:00:00 |                    |      |                   |                   |          |                |                   |  |   |       |    |
| 17:00:00 |                    |      |                   |                   |          |                |                   |  |   |       |    |
| 18:00:00 |                    |      |                   |                   |          |                |                   |  |   |       |    |
| 19:00:00 |                    |      |                   |                   |          |                |                   |  |   |       |    |
| 20:00:00 |                    |      |                   |                   |          |                |                   |  |   |       |    |
| 21:00:00 |                    |      |                   |                   |          |                |                   |  |   |       |    |
| 22:00:00 |                    |      |                   |                   |          |                |                   |  |   |       |    |
| 23:00:00 |                    |      |                   |                   |          |                |                   |  |   |       |    |
| 0:00:00  |                    |      |                   |                   |          |                |                   |  |   |       |    |

ТСН-1 ПС «ПБ-1»

| ВРЕМЯ    | ПОКАЗАНИЯ ПРИБОРОВ |      |                   |                   |                |                   |  | Мощность, кВт<br>активная<br>расчетная | Мощность, кВАР<br>реактивная<br>расчетная |
|----------|--------------------|------|-------------------|-------------------|----------------|-------------------|--|--|---|
|          | U, кВ              | I, А | Счетчик<br>актив. | Счетчик<br>реакт. | P, акт.<br>кВт | Q, реакт.<br>кВар |  |  |   |
| 00:00:00 |                    |      |                   |                   |                |                   |  |  |   |
| 1:00:00  |                    |      |                   |                   |                |                   |  |  |   |
| 2:00:00  |                    |      |                   |                   |                |                   |  |  |   |
| 3:00:00  |                    |      |                   |                   |                |                   |  |  |   |
| 4:00:00  |                    |      |                   |                   |                |                   |  |  |   |
| 5:00:00  |                    |      |                   |                   |                |                   |  |  |   |
| 6:00:00  |                    |      |                   |                   |                |                   |  |  |   |
| 7:00:00  |                    |      |                   |                   |                |                   |  |  |   |
| 8:00:00  |                    |      |                   |                   |                |                   |  |  |   |
| 9:00:00  |                    |      |                   |                   |                |                   |  |  |   |
| 10:00:00 |                    |      |                   |                   |                |                   |  |  |   |
| 11:00:00 |                    |      |                   |                   |                |                   |  |  |   |
| 12:00:00 |                    |      |                   |                   |                |                   |  |  |   |
| 13:00:00 |                    |      |                   |                   |                |                   |  |  |   |
| 14:00:00 |                    |      |                   |                   |                |                   |  |  |   |
| 15:00:00 |                    |      |                   |                   |                |                   |  |  |   |
| 16:00:00 |                    |      |                   |                   |                |                   |  |  |   |
| 17:00:00 |                    |      |                   |                   |                |                   |  |  |   |
| 18:00:00 |                    |      |                   |                   |                |                   |  |  |   |
| 19:00:00 |                    |      |                   |                   |                |                   |  |  |   |
| 20:00:00 |                    |      |                   |                   |                |                   |  |  |   |
| 21:00:00 |                    |      |                   |                   |                |                   |  |  |   |
| 22:00:00 |                    |      |                   |                   |                |                   |  |  |   |
| 23:00:00 |                    |      |                   |                   |                |                   |  |  |   |
| 0:00:00  |                    |      |                   |                   |                |                   |  |  |   |

| ПОКАЗАНИЯ ПРИБОРОВ |  |  |  |  |  |  | Мощность, кВт | Мощность, кВАР |
|--------------------|--|--|--|--|--|--|---------------|----------------|
|--------------------|--|--|--|--|--|--|---------------|----------------|



| ВРЕМЯ    | U, кВ | I, А | Счетчик актив. | Счетчик реакт. | S МВА | P, акт. МВт | Q, реакт. МВАР | активная  |  | реактивная |  | Cos φ  | Tg    |
|----------|-------|------|----------------|----------------|-------|-------------|----------------|-----------|--|------------|--|--------|-------|
|          |       |      |                |                |       |             |                | расчетная |  | расчетная  |  |        |       |
| 00:00:00 | 10,7  | 260  | 873,45         | 418,44         | 4,88  | 4,58        | 1,76           |           |  |            |  | 0,9200 |       |
| 1:00:00  | 10,7  | 260  | 873,67         | 418,53         | 4,82  | 4,46        | 1,81           | 4400,0    |  | 1800       |  | 0,9200 | 0,409 |
| 2:00:00  | 10,7  | 240  | 873,89         | 418,61         | 4,62  | 4,28        | 1,76           | 4400,0    |  | 1600       |  | 0,9300 | 0,364 |
| 3:00:00  | 10,7  | 230  | 874,09         | 418,70         | 4,36  | 4,04        | 1,62           | 4000,0    |  | 1800       |  | 0,9300 | 0,450 |
| 4:00:00  | 10,7  | 240  | 874,31         | 418,78         | 4,58  | 4,31        | 1,77           | 4400,0    |  | 1600       |  | 0,9200 | 0,364 |
| 5:00:00  | 10,7  | 260  | 874,53         | 418,87         | 4,84  | 4,44        | 1,81           | 4400,0    |  | 1800       |  | 0,9300 | 0,409 |
| 6:00:00  | 10,7  | 270  | 874,75         | 418,96         | 4,86  | 4,64        | 1,76           | 4400,0    |  | 1800       |  | 0,9300 | 0,409 |
| 7:00:00  | 10,6  | 320  | 874,99         | 419,05         | 5,88  | 5,48        | 2,02           | 4800,0    |  | 1800       |  | 0,9400 | 0,375 |
| 8:00:00  | 10,4  | 480  | 875,31         | 419,17         | 8,70  | 8,08        | 3,28           | 6400,0    |  | 2400       |  | 0,9300 | 0,375 |
| 9:00:00  | 10,3  | 630  | 875,84         | 419,39         | 11,50 | 10,42       | 4,36           | 10600,0   |  | 4400       |  | 0,9200 | 0,415 |
| 10:00:00 | 10,4  | 610  | 876,36         | 419,61         | 10,54 | 9,68        | 3,88           | 10400,0   |  | 4400       |  | 0,9200 | 0,423 |
| 11:00:00 | 10,3  | 640  | 876,87         | 419,82         | 10,86 | 9,88        | 4,40           | 10200,0   |  | 4200       |  | 0,9300 | 0,412 |
| 12:00:00 | 10,4  | 530  | 877,34         | 420,01         | 9,42  | 8,80        | 2,96           | 9400,0    |  | 3800       |  | 0,9300 | 0,404 |
| 13:00:00 | 10,3  | 580  | 877,82         | 420,18         | 10,78 | 9,90        | 3,82           | 9600,0    |  | 3400       |  | 0,9200 | 0,354 |
| 14:00:00 | 10,3  | 640  | 878,34         | 420,40         | 11,28 | 10,36       | 4,54           | 10400,0   |  | 4400       |  | 0,9200 | 0,423 |
| 15:00:00 | 10,3  | 580  | 878,85         | 420,61         | 10,16 | 10,12       | 4,32           | 10200,0   |  | 4200       |  | 0,9200 | 0,412 |
| 16:00:00 | 10,3  | 570  | 879,32         | 420,81         | 9,86  | 9,40        | 4,14           | 9400,0    |  | 4000       |  | 0,9200 | 0,426 |
| 17:00:00 | 10,4  | 410  | 879,82         | 421,01         | 7,26  | 6,62        | 2,42           | 10000,0   |  | 4000       |  | 0,9400 | 0,400 |
| 18:00:00 | 10,4  | 430  | 880,15         | 421,16         | 7,98  | 7,42        | 3,10           | 6600,0    |  | 3000       |  | 0,9200 | 0,455 |
| 19:00:00 | 10,4  | 400  | 880,53         | 421,31         | 7,26  | 6,62        | 2,78           | 7600,0    |  | 3000       |  | 0,9300 | 0,395 |
| 20:00:00 | 10,5  | 290  | 880,79         | 421,41         | 5,52  | 5,14        | 1,90           | 5200,0    |  | 2000       |  | 0,9400 | 0,385 |
| 21:00:00 | 10,5  | 310  | 881,06         | 421,52         | 5,92  | 5,30        | 2,80           | 5400,0    |  | 2200       |  | 0,9300 | 0,407 |
| 22:00:00 | 10,6  | 270  | 881,32         | 421,62         | 5,36  | 5,08        | 1,90           | 5200,0    |  | 2000       |  | 0,9300 | 0,385 |
| 23:00:00 | 10,6  | 260  | 881,54         | 421,70         | 5,12  | 4,82        | 1,90           | 4400,0    |  | 1600       |  | 0,9300 | 0,364 |
| 0:00:00  | 10,7  | 260  | 881,79         | 421,80         | 5,16  | 4,86        | 1,98           | 5000,0    |  | 2000       |  | 0,9300 | 0,400 |

**ТСН-2 ПС «ПБ-1»**

**K= 40**

| ВРЕМЯ    | ПОКАЗАНИЯ ПРИБОРОВ |      |                |                |             |                | Мощность, кВт      |  | Мощность, кВАР       |  |
|----------|--------------------|------|----------------|----------------|-------------|----------------|--------------------|--|----------------------|--|
|          | U, кВ              | I, А | Счетчик актив. | Счетчик реакт. | P, акт. кВт | Q, реакт. кВар | активная расчетная |  | реактивная расчетная |  |
| 00:00:00 | 10,6               | 5    | 14552,13       | 8359,06        |             |                |                    |  |                      |  |
| 1:00:00  | 10,6               | 5    | 14552,41       | 8359,15        |             |                | 11,2               |  | 3,6                  |  |
| 2:00:00  | 10,6               | 5    | 14552,69       | 8359,24        |             |                | 11,2               |  | 3,6                  |  |
| 3:00:00  | 10,6               | 5    | 14552,96       | 8359,33        |             |                | 10,8               |  | 3,6                  |  |
| 4:00:00  | 10,6               | 5    | 14553,24       | 8359,43        |             |                | 11,2               |  | 4                    |  |
| 5:00:00  | 10,7               | 5    | 14553,50       | 8359,52        |             |                | 10,4               |  | 3,6                  |  |
| 6:00:00  | 10,6               | 5    | 14553,75       | 8359,61        |             |                | 10,0               |  | 3,6                  |  |
| 7:00:00  | 10,6               | 5    | 14554,01       | 8359,70        |             |                | 10,4               |  | 3,6                  |  |
| 8:00:00  | 10,4               | 5    | 14554,22       | 8359,76        |             |                | 8,4                |  | 2,4                  |  |
| 9:00:00  | 10,1               | 5    | 14554,41       | 8359,79        |             |                | 7,6                |  | 1,2                  |  |
| 10:00:00 | 10,2               | 5    | 14554,58       | 8359,81        |             |                | 6,8                |  | 0,8                  |  |
| 11:00:00 | 10,3               | 5    | 14554,75       | 8359,83        |             |                | 6,8                |  | 0,8                  |  |
| 12:00:00 | 10,5               | 5    | 14554,90       | 8359,84        |             |                | 6,0                |  | 0,4                  |  |
| 13:00:00 | 10,3               | 5    | 14555,10       | 8359,87        |             |                | 8,0                |  | 1,2                  |  |
| 14:00:00 | 10,3               | 5    | 14555,27       | 8359,89        |             |                | 6,8                |  | 0,8                  |  |
| 15:00:00 | 10,4               | 5    | 14555,45       | 8359,90        |             |                | 7,2                |  | 0,4                  |  |
| 16:00:00 | 10,3               | 5    | 14555,62       | 8359,92        |             |                | 6,8                |  | 0,8                  |  |
| 17:00:00 | 10,5               | 5    | 14555,82       | 8359,95        |             |                | 8,0                |  | 1,2                  |  |
| 18:00:00 | 10,5               | 5    | 14555,99       | 8359,98        |             |                | 6,8                |  | 1,2                  |  |
| 19:00:00 | 10,5               | 5    | 14556,20       | 8360,05        |             |                | 8,4                |  | 2,8                  |  |
| 20:00:00 | 10,6               | 5    | 14556,40       | 8360,13        |             |                | 8,0                |  | 3,2                  |  |
| 21:00:00 | 10,6               | 5    | 14556,62       | 8360,22        |             |                | 8,8                |  | 3,6                  |  |
| 22:00:00 | 10,6               | 5    | 14556,84       | 8360,32        |             |                | 8,8                |  | 4                    |  |
| 23:00:00 | 10,6               | 5    | 14557,03       | 8360,40        |             |                | 7,6                |  | 3,2                  |  |
| 0:00:00  | 10,6               | 5    | 14557,25       | 8360,49        |             |                | 8,8                |  | 3,6                  |  |

**Ячейка № 25**

**K= 4000**

| ВРЕМЯ    | ПОКАЗАНИЯ ПРИБОРОВ |      |                |                |             |                | Мощность, кВт      |  | Мощность, кВАР       |  |
|----------|--------------------|------|----------------|----------------|-------------|----------------|--------------------|--|----------------------|--|
|          | U, кВ              | I, А | Счетчик актив. | Счетчик реакт. | P, акт. кВт | Q, реакт. кВар | активная расчетная |  | реактивная расчетная |  |
| 00:00:00 | 10,6               | 40,0 | 17773,16       | 15699,93       |             |                |                    |  |                      |  |
| 1:00:00  | 10,6               | 40,0 | 17773,33       | 15700,03       |             |                | 680                |  | 400                  |  |
| 2:00:00  | 10,6               | 40,0 | 17773,49       | 15700,13       |             |                | 640                |  | 400                  |  |



|          |      |      |          |          |  |  |  |      |  |     |
|----------|------|------|----------|----------|--|--|--|------|--|-----|
| 3:00:00  | 10,6 | 40,0 | 17773,66 | 15700,23 |  |  |  | 680  |  | 400 |
| 4:00:00  | 10,6 | 45,0 | 17773,83 | 15700,33 |  |  |  | 680  |  | 400 |
| 5:00:00  | 10,7 | 45,0 | 17774,00 | 15700,43 |  |  |  | 680  |  | 400 |
| 6:00:00  | 10,6 | 55,0 | 17774,18 | 15700,54 |  |  |  | 720  |  | 440 |
| 7:00:00  | 10,6 | 55,0 | 17774,38 | 15700,65 |  |  |  | 800  |  | 440 |
| 8:00:00  | 10,4 | 55,0 | 17774,61 | 15700,76 |  |  |  | 920  |  | 440 |
| 9:00:00  | 10,1 | 95,0 | 17774,96 | 15700,93 |  |  |  | 1400 |  | 680 |
| 10:00:00 | 10,2 | 80,0 | 17775,31 | 15701,11 |  |  |  | 1400 |  | 720 |
| 11:00:00 | 10,3 | 90,0 | 17775,65 | 15701,28 |  |  |  | 1360 |  | 680 |
| 12:00:00 | 10,5 | 75,0 | 17775,98 | 15701,43 |  |  |  | 1320 |  | 600 |
| 13:00:00 | 10,3 | 70,0 | 17776,33 | 15701,60 |  |  |  | 1400 |  | 680 |
| 14:00:00 | 10,3 | 95,0 | 17776,65 | 15701,78 |  |  |  | 1280 |  | 720 |
| 15:00:00 | 10,4 | 90,0 | 17776,99 | 15701,98 |  |  |  | 1360 |  | 800 |
| 16:00:00 | 10,3 | 90,0 | 17777,32 | 15702,13 |  |  |  | 1320 |  | 600 |
| 17:00:00 | 10,5 | 70,0 | 17777,66 | 15702,32 |  |  |  | 1360 |  | 760 |
| 18:00:00 | 10,5 | 60,0 | 17777,93 | 15702,47 |  |  |  | 1080 |  | 600 |
| 19:00:00 | 10,5 | 75,0 | 17778,21 | 15702,63 |  |  |  | 1120 |  | 640 |
| 20:00:00 | 10,6 | 50,0 | 17778,47 | 15702,78 |  |  |  | 1040 |  | 600 |
| 21:00:00 | 10,6 | 70,0 | 17778,69 | 15702,92 |  |  |  | 880  |  | 560 |
| 22:00:00 | 10,6 | 50,0 | 17778,86 | 15703,03 |  |  |  | 680  |  | 440 |
| 23:00:00 | 10,6 | 45,0 | 17779,03 | 15703,13 |  |  |  | 680  |  | 400 |
| 0:00:00  | 10,6 | 50,0 | 17779,21 | 15703,24 |  |  |  | 720  |  | 440 |

Ячейка № 24

K= 2000

| ВРЕМЯ    | ПОКАЗАНИЯ ПРИБОРОВ |      |                |                |             |                | Мощность, кВт      |                      | Мощность, кВАР |  |
|----------|--------------------|------|----------------|----------------|-------------|----------------|--------------------|----------------------|----------------|--|
|          | U, кВ              | I, А | Счетчик актив. | Счетчик реакт. | P, акт. кВт | Q, реакт. кВар | активная расчетная | реактивная расчетная |                |  |
| 00:00:00 | 10,6               | 51   | 4067,64        | 6938,10        |             |                |                    |                      |                |  |
| 1:00:00  | 10,6               | 51   | 4067,65        | 6938,60        |             |                | 20                 | 1000                 |                |  |
| 2:00:00  | 10,6               | 51   | 4067,66        | 6939,10        |             |                | 20                 | 1000                 |                |  |
| 3:00:00  | 10,6               | 51   | 4067,67        | 6939,58        |             |                | 20                 | 960                  |                |  |
| 4:00:00  | 10,6               | 51   | 4067,69        | 6940,08        |             |                | 40                 | 1000                 |                |  |
| 5:00:00  | 10,7               | 51   | 4067,70        | 6940,60        |             |                | 20                 | 1040                 |                |  |
| 6:00:00  | 10,6               | 51   | 4067,71        | 6941,08        |             |                | 20                 | 960                  |                |  |
| 7:00:00  | 10,6               | 51   | 4067,72        | 6941,54        |             |                | 20                 | 920                  |                |  |
| 8:00:00  | 10,4               | 51   | 4067,73        | 6942,04        |             |                | 20                 | 1000                 |                |  |
| 9:00:00  | 10,1               | 51   | 4067,74        | 6942,52        |             |                | 20                 | 960                  |                |  |
| 10:00:00 | 10,2               | 51   | 4067,75        | 6943,00        |             |                | 20                 | 960                  |                |  |
| 11:00:00 | 10,3               | 51   | 4067,75        | 6943,40        |             |                | 0                  | 800                  |                |  |
| 12:00:00 | 10,5               | 51   | 4067,75        | 6943,83        |             |                | 0                  | 860                  |                |  |
| 13:00:00 | 10,3               | 51   | 4067,76        | 6944,32        |             |                | 20                 | 980                  |                |  |
| 14:00:00 | 10,3               | 51   | 4067,77        | 6944,80        |             |                | 20                 | 960                  |                |  |
| 15:00:00 | 10,4               | 51   | 4067,78        | 6945,23        |             |                | 20                 | 860                  |                |  |
| 16:00:00 | 10,3               | 51   | 4067,78        | 6945,72        |             |                | 0                  | 980                  |                |  |
| 17:00:00 | 10,5               | 51   | 4067,79        | 6946,22        |             |                | 20                 | 1000                 |                |  |
| 18:00:00 | 10,5               | 51   | 4067,82        | 6946,65        |             |                | 60                 | 860                  |                |  |
| 19:00:00 | 10,5               | 51   | 4067,86        | 6947,12        |             |                | 80                 | 940                  |                |  |
| 20:00:00 | 10,6               | 51   | 4067,87        | 6947,62        |             |                | 20                 | 1000                 |                |  |
| 21:00:00 | 10,6               | 51   | 4067,93        | 6948,10        |             |                | 140                | 960                  |                |  |
| 22:00:00 | 10,6               | 51   | 4067,94        | 6948,58        |             |                | 20                 | 960                  |                |  |
| 23:00:00 | 10,6               | 52   | 4067,95        | 6949,01        |             |                | 40                 | 860                  |                |  |
| 0:00:00  | 10,6               | 51   | 4067,97        | 6949,50        |             |                | 40                 | 980                  |                |  |

Ячейка № 22

K= 4000

| ВРЕМЯ    | ПОКАЗАНИЯ ПРИБОРОВ |      |                |                |             |                | Мощность, кВт      |                      | Мощность, кВАР |  |
|----------|--------------------|------|----------------|----------------|-------------|----------------|--------------------|----------------------|----------------|--|
|          | U, кВ              | I, А | Счетчик актив. | Счетчик реакт. | P, акт. кВт | Q, реакт. кВар | активная расчетная | реактивная расчетная |                |  |
| 00:00:00 | 10,6               | 5,0  | 965,35         | 114,95         |             |                |                    |                      |                |  |
| 1:00:00  | 10,6               | 5,0  | 965,37         | 114,95         |             |                | 80                 | 0                    |                |  |
| 2:00:00  | 10,6               | 5,0  | 965,38         | 114,95         |             |                | 40                 | 0                    |                |  |
| 3:00:00  | 10,6               | 5,0  | 965,40         | 114,95         |             |                | 80                 | 0                    |                |  |
| 4:00:00  | 10,6               | 5,0  | 965,41         | 114,95         |             |                | 40                 | 0                    |                |  |
| 5:00:00  | 10,7               | 5,0  | 965,43         | 114,95         |             |                | 80                 | 0                    |                |  |
| 6:00:00  | 10,6               | 5,0  | 965,45         | 114,95         |             |                | 80                 | 0                    |                |  |



|          |      |     |        |        |  |  |  |    |  |    |
|----------|------|-----|--------|--------|--|--|--|----|--|----|
| 7:00:00  | 10,6 | 5,0 | 965,46 | 114,95 |  |  |  | 40 |  | 0  |
| 8:00:00  | 10,4 | 5,0 | 965,48 | 114,96 |  |  |  | 80 |  | 40 |
| 9:00:00  | 10,1 | 5,0 | 965,50 | 114,96 |  |  |  | 80 |  | 0  |
| 10:00:00 | 10,2 | 5,0 | 965,51 | 114,96 |  |  |  | 40 |  | 0  |
| 11:00:00 | 10,3 | 5,0 | 965,52 | 114,96 |  |  |  | 40 |  | 0  |
| 12:00:00 | 10,5 | 5,0 | 965,54 | 114,96 |  |  |  | 80 |  | 0  |
| 13:00:00 | 10,3 | 5,0 | 965,55 | 114,96 |  |  |  | 40 |  | 0  |
| 14:00:00 | 10,3 | 5,0 | 965,57 | 114,96 |  |  |  | 80 |  | 0  |
| 15:00:00 | 10,4 | 5,0 | 965,58 | 114,96 |  |  |  | 40 |  | 0  |
| 16:00:00 | 10,3 | 5,0 | 965,59 | 114,96 |  |  |  | 40 |  | 0  |
| 17:00:00 | 10,5 | 5,0 | 965,61 | 114,96 |  |  |  | 80 |  | 0  |
| 18:00:00 | 10,5 | 5,0 | 965,62 | 114,96 |  |  |  | 40 |  | 0  |
| 19:00:00 | 10,5 | 5,0 | 965,63 | 114,96 |  |  |  | 40 |  | 0  |
| 20:00:00 | 10,6 | 5,0 | 965,65 | 114,96 |  |  |  | 80 |  | 0  |
| 21:00:00 | 10,6 | 5,0 | 965,67 | 114,96 |  |  |  | 80 |  | 0  |
| 22:00:00 | 10,6 | 5,0 | 965,68 | 114,96 |  |  |  | 40 |  | 0  |
| 23:00:00 | 10,6 | 5,0 | 965,69 | 114,96 |  |  |  | 40 |  | 0  |
| 0:00:00  | 10,6 | 5,0 | 965,71 | 114,96 |  |  |  | 80 |  | 0  |

**Ячейка № 21**

**K= 4000**

| ВРЕМЯ    | ПОКАЗАНИЯ ПРИБОРОВ |      |                |                |             |                | Мощность, кВт      |                      | Мощность, кВАР |  |
|----------|--------------------|------|----------------|----------------|-------------|----------------|--------------------|----------------------|----------------|--|
|          | U, кВ              | I, А | Счетчик актив. | Счетчик реакт. | P, акт. кВт | Q, реакт. кВар | активная расчетная | реактивная расчетная |                |  |
| 00:00:00 | 10,6               | 5    | 4016,78        | 608,64         |             |                |                    |                      |                |  |
| 1:00:00  | 10,6               | 5    | 4016,80        | 608,66         |             |                | 80                 | 80                   |                |  |
| 2:00:00  | 10,6               | 5    | 4016,82        | 608,68         |             |                | 80                 | 80                   |                |  |
| 3:00:00  | 10,6               | 5    | 4016,84        | 608,70         |             |                | 80                 | 80                   |                |  |
| 4:00:00  | 10,6               | 5    | 4016,86        | 608,72         |             |                | 80                 | 80                   |                |  |
| 5:00:00  | 10,7               | 5    | 4016,88        | 608,74         |             |                | 80                 | 80                   |                |  |
| 6:00:00  | 10,6               | 5    | 4016,90        | 608,77         |             |                | 80                 | 80                   |                |  |
| 7:00:00  | 10,6               | 5    | 4016,93        | 608,79         |             |                | 120                | 120                  |                |  |
| 8:00:00  | 10,4               | 5    | 4016,97        | 608,82         |             |                | 160                | 80                   |                |  |
| 9:00:00  | 10,1               | 5    | 4017,03        | 608,85         |             |                | 240                | 120                  |                |  |
| 10:00:00 | 10,2               | 5    | 4017,11        | 608,92         |             |                | 320                | 120                  |                |  |
| 11:00:00 | 10,3               | 5    | 4017,20        | 609,00         |             |                | 360                | 280                  |                |  |
| 12:00:00 | 10,5               | 5    | 4017,30        | 609,05         |             |                | 400                | 320                  |                |  |
| 13:00:00 | 10,3               | 5    | 4017,35        | 609,05         |             |                | 200                | 200                  |                |  |
| 14:00:00 | 10,3               | 5    | 4017,42        | 609,10         |             |                | 280                | 0                    |                |  |
| 15:00:00 | 10,4               | 5    | 4017,49        | 609,15         |             |                | 280                | 200                  |                |  |
| 16:00:00 | 10,3               | 5    | 4017,57        | 609,22         |             |                | 320                | 200                  |                |  |
| 17:00:00 | 10,5               | 5    | 4017,62        | 609,25         |             |                | 200                | 280                  |                |  |
| 18:00:00 | 10,5               | 5    | 4017,64        | 609,26         |             |                | 80                 | 120                  |                |  |
| 19:00:00 | 10,5               | 5    | 4017,66        | 609,27         |             |                | 80                 | 40                   |                |  |
| 20:00:00 | 10,6               | 5    | 4017,68        | 609,31         |             |                | 80                 | 40                   |                |  |
| 21:00:00 | 10,6               | 5    | 4017,70        | 609,32         |             |                | 80                 | 160                  |                |  |
| 22:00:00 | 10,6               | 5    | 4017,72        | 609,35         |             |                | 80                 | 40                   |                |  |
| 23:00:00 | 10,6               | 5    | 4017,73        | 609,37         |             |                | 80                 | 120                  |                |  |
| 0:00:00  | 10,6               | 5    | 4017,76        | 609,39         |             |                | 40                 | 80                   |                |  |
|          |                    |      |                |                |             |                | 120                | 80                   |                |  |

**Ячейка № 20**

**K= 4000**

| ВРЕМЯ    | ПОКАЗАНИЯ ПРИБОРОВ |      |                |                |             |                | Мощность, кВт      |                      | Мощность, кВАР |  |
|----------|--------------------|------|----------------|----------------|-------------|----------------|--------------------|----------------------|----------------|--|
|          | U, кВ              | I, А | Счетчик актив. | Счетчик реакт. | P, акт. кВт | Q, реакт. кВар | активная расчетная | реактивная расчетная |                |  |
| 00:00:00 | 10,6               | 5    | 4045,43        | 8717,22        |             |                |                    |                      |                |  |
| 1:00:00  | 10,6               | 5    | 4045,46        | 8717,24        |             |                | 120                | 80                   |                |  |
| 2:00:00  | 10,6               | 5    | 4045,48        | 8717,26        |             |                | 80                 | 80                   |                |  |
| 3:00:00  | 10,6               | 5    | 4045,51        | 8717,28        |             |                | 120                | 80                   |                |  |
| 4:00:00  | 10,6               | 5    | 4045,53        | 8717,30        |             |                | 80                 | 80                   |                |  |
| 5:00:00  | 10,7               | 5    | 4045,56        | 8717,32        |             |                | 120                | 80                   |                |  |
| 6:00:00  | 10,6               | 5    | 4045,58        | 8717,34        |             |                | 80                 | 80                   |                |  |
| 7:00:00  | 10,6               | 5    | 4045,61        | 8717,36        |             |                | 120                | 80                   |                |  |
| 8:00:00  | 10,4               | 5    | 4045,65        | 8717,38        |             |                | 160                | 80                   |                |  |
| 9:00:00  | 10,1               | 15   | 4045,73        | 8717,42        |             |                | 320                | 160                  |                |  |
| 10:00:00 | 10,2               | 10   | 4045,80        | 8717,45        |             |                | 280                | 120                  |                |  |
| 11:00:00 | 10,3               | 15   | 4045,86        | 8717,46        |             |                | 240                | 40                   |                |  |



|          |      |    |         |         |  |  |  |     |  |     |
|----------|------|----|---------|---------|--|--|--|-----|--|-----|
| 12:00:00 | 10,5 | 5  | 4045,92 | 8717,51 |  |  |  | 240 |  | 200 |
| 13:00:00 | 10,3 | 5  | 4045,98 | 8717,55 |  |  |  | 240 |  | 160 |
| 14:00:00 | 10,3 | 10 | 4046,04 | 8717,56 |  |  |  | 240 |  | 40  |
| 15:00:00 | 10,4 | 10 | 4046,11 | 8717,62 |  |  |  | 280 |  | 240 |
| 16:00:00 | 10,3 | 10 | 4046,17 | 8717,65 |  |  |  | 240 |  | 120 |
| 17:00:00 | 10,5 | 5  | 4046,24 | 8717,73 |  |  |  | 280 |  | 320 |
| 18:00:00 | 10,5 | 5  | 4046,28 | 8717,74 |  |  |  | 160 |  | 40  |
| 19:00:00 | 10,5 | 5  | 4046,31 | 8717,75 |  |  |  | 120 |  | 40  |
| 20:00:00 | 10,6 | 5  | 4046,34 | 8717,77 |  |  |  | 120 |  | 80  |
| 21:00:00 | 10,6 | 5  | 4046,36 | 8717,80 |  |  |  | 80  |  | 120 |
| 22:00:00 | 10,6 | 5  | 4046,39 | 8717,84 |  |  |  | 120 |  | 160 |
| 23:00:00 | 10,6 | 5  | 4046,41 | 8717,85 |  |  |  | 80  |  | 40  |
| 0:00:00  | 10,6 | 5  | 4046,44 | 8717,87 |  |  |  | 120 |  | 80  |

**Ячейка № 5**

**K= 4000**

| ВРЕМЯ    | ПОКАЗАНИЯ ПРИБОРОВ |       |                |                |             |                | Мощность, кВт      |                      | Мощность, кВАР |  |
|----------|--------------------|-------|----------------|----------------|-------------|----------------|--------------------|----------------------|----------------|--|
|          | U, кВ              | I, А  | Счетчик актив. | Счетчик реакт. | P, акт. кВт | Q, реакт. кВар | активная расчетная | реактивная расчетная |                |  |
| 00:00:00 | 10,6               | 10,0  | 8442,89        | 6900,00        |             |                |                    |                      |                |  |
| 1:00:00  | 10,6               | 10,0  | 8442,98        | 0,00           |             |                | 360                | 0                    |                |  |
| 2:00:00  | 10,6               | 10,0  | 8443,07        | 0,00           |             |                | 360                | 0                    |                |  |
| 3:00:00  | 10,6               | 10,0  | 8443,16        | 0,00           |             |                | 360                | 0                    |                |  |
| 4:00:00  | 10,6               | 10,0  | 8443,25        | 0,00           |             |                | 360                | 0                    |                |  |
| 5:00:00  | 10,7               | 10,0  | 8443,34        | 0,00           |             |                | 360                | 0                    |                |  |
| 6:00:00  | 10,6               | 10,0  | 8443,43        | 0,00           |             |                | 360                | 0                    |                |  |
| 7:00:00  | 10,6               | 15,0  | 8443,52        | 0,00           |             |                | 360                | 0                    |                |  |
| 8:00:00  | 10,4               | 65,0  | 8443,66        | 0,00           |             |                | 560                | 0                    |                |  |
| 9:00:00  | 10,1               | 105,0 | 8444,04        | 0,00           |             |                | 1520               | 0                    |                |  |
| 10:00:00 | 10,2               | 115,0 | 8444,46        | 0,00           |             |                | 1680               | 0                    |                |  |
| 11:00:00 | 10,3               | 110,0 | 8444,87        | 0,00           |             |                | 1640               | 0                    |                |  |
| 12:00:00 | 10,5               | 105,0 | 8445,25        | 0,00           |             |                | 1520               | 0                    |                |  |
| 13:00:00 | 10,3               | 100,0 | 8445,67        | 0,00           |             |                | 1680               | 0                    |                |  |
| 14:00:00 | 10,3               | 110,0 | 8446,15        | 0,00           |             |                | 1920               | 0                    |                |  |
| 15:00:00 | 10,4               | 115,0 | 8446,61        | 0,00           |             |                | 1840               | 0                    |                |  |
| 16:00:00 | 10,3               | 110,0 | 8447,07        | 0,00           |             |                | 1840               | 0                    |                |  |
| 17:00:00 | 10,5               | 65,0  | 8447,54        | 0,00           |             |                | 1880               | 0                    |                |  |
| 18:00:00 | 10,5               | 95,0  | 8447,85        | 0,00           |             |                | 1240               | 0                    |                |  |
| 19:00:00 | 10,5               | 75,0  | 8448,17        | 0,00           |             |                | 1280               | 0                    |                |  |
| 20:00:00 | 10,6               | 30,0  | 8448,36        | 0,00           |             |                | 760                | 0                    |                |  |
| 21:00:00 | 10,6               | 30,0  | 8448,50        | 0,00           |             |                | 560                | 0                    |                |  |
| 22:00:00 | 10,6               | 35,0  | 8448,65        | 0,00           |             |                | 600                | 0                    |                |  |
| 23:00:00 | 10,6               | 30,0  | 8448,77        | 0,00           |             |                | 480                | 0                    |                |  |
| 0:00:00  | 10,6               | 30,0  | 8448,91        | 0,00           |             |                | 560                | 0                    |                |  |

**Ячейка № 6**

**K= 6000**

| ВРЕМЯ    | ПОКАЗАНИЯ ПРИБОРОВ |      |                |                |             |                | Мощность, кВт      |                      | Мощность, кВАР |  |
|----------|--------------------|------|----------------|----------------|-------------|----------------|--------------------|----------------------|----------------|--|
|          | U, кВ              | I, А | Счетчик актив. | Счетчик реакт. | P, акт. кВт | Q, реакт. кВар | активная расчетная | реактивная расчетная |                |  |
| 00:00:00 | 10,6               | 10   | 8595,35        | 7949,10        |             |                |                    |                      |                |  |
| 1:00:00  | 10,6               | 10   | 8595,42        | 7949,16        |             |                | 420                | 360                  |                |  |
| 2:00:00  | 10,6               | 10   | 8595,47        | 7949,20        |             |                | 300                | 240                  |                |  |
| 3:00:00  | 10,6               | 10   | 8595,53        | 7949,26        |             |                | 360                | 360                  |                |  |
| 4:00:00  | 10,6               | 10   | 8595,59        | 7949,31        |             |                | 360                | 300                  |                |  |
| 5:00:00  | 10,7               | 10   | 8595,66        | 7949,36        |             |                | 420                | 300                  |                |  |
| 6:00:00  | 10,6               | 10   | 8595,72        | 7949,40        |             |                | 360                | 240                  |                |  |
| 7:00:00  | 10,6               | 10   | 8595,79        | 7949,44        |             |                | 420                | 240                  |                |  |
| 8:00:00  | 10,4               | 20   | 8595,86        | 7949,48        |             |                | 420                | 240                  |                |  |
| 9:00:00  | 10,1               | 100  | 8596,10        | 7949,60        |             |                | 1440               | 720                  |                |  |
| 10:00:00 | 10,2               | 55   | 8596,36        | 7949,72        |             |                | 1560               | 720                  |                |  |
| 11:00:00 | 10,3               | 120  | 8596,62        | 7949,85        |             |                | 1560               | 780                  |                |  |
| 12:00:00 | 10,5               | 105  | 8596,90        | 7950,00        |             |                | 1680               | 900                  |                |  |
| 13:00:00 | 10,3               | 80   | 8597,06        | 7950,05        |             |                | 960                | 300                  |                |  |
| 14:00:00 | 10,3               | 105  | 8597,34        | 7950,20        |             |                | 1680               | 900                  |                |  |
| 15:00:00 | 10,4               | 70   | 8597,61        | 7950,33        |             |                | 1620               | 780                  |                |  |

