

УТВЕРЖДАЮ:  
Генеральный директор  
ООО «УК» Пионер  
Котов А.И.

27 Dezember 2018.

## ГОДОВОЙ ПЛАН-ГРАФИК Ремонта электрооборудования на 2018 год.

ООО "УК"Пионер. электрослужба

(наименование технологического подразделения)

| Наименование оборудования     | Номер по схеме (инв. №) | Норматив ресурса между ремонтами (числитель)год. и простой (знаменатель), ч |                |                |                | Дата последнего ремонта (число, месяц) |                |                |           | Условное обозначение ремонта (числитель) и время простоя в ремонте, ч (знаменатель) |         |      |        |     |      |      |        |          |         |        |         | Годовой простоя в ремонте (ч.) | Годовой фонд рабочего времени (ч) |  |
|-------------------------------|-------------------------|---|----------------|----------------|----------------|--|----------------|----------------|-----------|---|---------|------|--------|-----|------|------|--------|----------|---------|--------|---------|--------------------------------|-----------------------------------|--|
|                               |                         | T <sub>1</sub>  | T <sub>2</sub> | T <sub>3</sub> | K <sub>T</sub> | T <sub>1</sub>                         | T <sub>2</sub> | T <sub>3</sub> | K         | январь  | февраль | март | апрель | май | июнь | июль | август | сентябрь | октябрь | ноябрь | декабрь |                                |                                   |  |
| 1                             | 2                       | 3   | 4              | 5              | 6              | 7                                      | 8              | 9              | 10        | 11  | 12      | 13   | 14     | 15  | 16   | 17   | 18     | 19       | 20      | 21     | 22      | 23                             | 24                                |  |
| Силовой тр-тор 2T(10000 ква)  |                         | 3/24  | 3/24           | 3/24           | 12/0486        | 07.2017                                |                | 06.2012г.      | 08.2003г. | TO  | TO      | TO   | TO     | TO  | TO   | TO   | TO     | TO       | TO      | TO     | TO      | 24                             | 24                                |  |
| Силовой тр-тор 1T (10 000ква) |                         | 3/24  | 3/24           | 3/24           | 12/486         | -                                      | 08.2014        | 08.2017        | 09.2011г. | TO  | TO      | TO   | TO     | TO  | TO   | TO   | TO     | TO       | TO      | TO     | TO      | 24                             |                                   |  |
| TCH-1                         |                         | 3/4   | 3/4            | 3/4            | 12/96          | 2017                                   | 2014           | -              | 09.2011   | TO  | TO      | TO   | TO     | TO  | TO   | TO   | TO     | TO       | TO      | TO     | TO      | 16                             |                                   |  |
| TCH-2                         |                         |   |                |                |                | 2017                                   | 2014           | 2011           | 08.2017г. | TO  | TO      | TO   | TO     | TO  | TO   | TO   | TO     | TO       | TO      | TO     | TO      | 96                             |                                   |  |
| ТП-1<br>1T-1000 кВА           |                         | 3/8   | 3/8            | 3/8            | 12/184         | 2017                                   | 06.2012г.      | -              | 07.2006г. | TO  | TO      | TO   | TO     | TO  | TO   | TO   | TO     | TO       | T/8     | TO     | TO      | TO                             | 20                                |  |
| 2T-750 кВА                    |                         | 3/8   |                |                |                |  |                |                |           | TO  | TO      | TO   | TO     | TO  | TO   | TO   | TO     | TO       | T/8     | TO     | TO      | TO                             | 20                                |  |
| ТП-2<br>1T-750 кВА            |                         | 3/8   | 3/8            | 3/8            | 12/184         | 06.2017г.                              | -              | -              | 06.2009г. | TO  | TO      | TO   | TO     | TO  | TO   | TO   | TO     | T/8      | TO      | TO     | TO      | TO                             | 12                                |  |
| 2T-1000 кВА                   |                         | 3/8   |                |                |                |  |                |                |           | TO  | TO      | TO   | TO     | TO  | TO   | TO   | TO     | T/8      | TO      | TO     | TO      | TO                             | 12                                |  |

| 1                            | 2 | 3              | 4              | 5              | 6              | 7             | 8      | 9             | 10            | 11     | 12            | 13 | 14 | 15             | 16             | 17             | 18             | 19 | 20 | 21 | 22             | 23 | 24  |    |
|------------------------------|---|----------------|----------------|----------------|----------------|---------------|--------|---------------|---------------|--------|---------------|----|----|----------------|----------------|----------------|----------------|----|----|----|----------------|----|-----|----|
| ТП-3<br>1Т-800 кВА           |   | 3/8            | 3/8            | 3/8            | 12/<br>184     | 2017          |        | 05.<br>2011г. | 05.<br>2014   | TO     | TO            | TO | TO | TO             | TO             | TO             | TO             | TO | TO | TO | TO             | TO |     |    |
| 2Т-1000 кВА                  |   | 3/8            |                |                |                |               |        |               |               | TO     | TO            | TO | TO | TO             | TO             | TO             | TO             | TO | TO | TO | TO             | TO | 12  |    |
| ТП-4<br>1Т-630 кВА           |   | 3/8            | 3/8            | 3/8            | 12/<br>172     | 2011          | 2014   | 04<br>2017г.  | 09.<br>2003г. | TO     | TO            | TO | TO | TO             | TO             | TO             | TO             | TO | TO | TO | TO             | TO | 12  |    |
| ТП-5<br>1Т-630кВА            |   | 3/8            | 3/8            | 3/8            | 12 /<br>172    | 05.<br>2011г. |        |               | 07.<br>2008г. | TO     | TO            | TO | TO | TO             | TO             | TO             | TO             | TO | TO | TO | TO             | TO | 184 |    |
| ЛР-1-3037                    |   | $\frac{2}{6}$  | $\frac{2}{6}$  | -              | $\frac{6}{24}$ | 09.<br>2017г. | 2014   | 09.<br>2011г. |               | TO     | TO            | TO | TO | TO             | TO             | TO             | $\frac{T}{8}$  | TO | TO | TO | TO             | TO | 20  |    |
| ЛР-2-3037                    |   | $\frac{2}{6}$  | $\frac{2}{6}$  | -              | $\frac{6}{24}$ |               |        |               | 08.<br>2009г. | TO     | TO            | TO | TO | TO             | TO             | $\frac{T}{6}$  | TO             | TO | TO | TO | TO             | TO | 18  |    |
| ВМ-35-1Т                     |   | $\frac{1}{12}$ | $\frac{1}{12}$ | $\frac{1}{12}$ | $\frac{3}{24}$ | 09.<br>2013г. | 2014г. |               | 09.<br>2012г. | TO     | TO            | TO | TO | TO             | TO             | TO             | $\frac{T}{24}$ | TO | TO | TO | TO             | TO | 18  |    |
| РВС-35; 1 с.ш.               |   | $\frac{1}{1}$  | $\frac{1}{1}$  | $\frac{1}{1}$  | $\frac{6}{3}$  | 05.<br>2012г. | 2013г. | 05.<br>2014г. | 05.<br>2011г. | TO     | TO            | TO | TO | $\frac{T}{24}$ | TO             | TO             | TO             | TO | TO | TO | TO             | TO | 30  |    |
| РВП-6; 1 сш.                 |   | $\frac{1}{1}$  | $\frac{1}{1}$  | $\frac{1}{1}$  | $\frac{6}{2}$  | 05.<br>2012г. | 2013г. | 05.<br>2014г. | 05.<br>2011г. | TO     | TO            | TO | TO | $\frac{T}{24}$ | TO             | TO             | TO             | TO | TO | TO | TO             | TO | 24  |    |
| КРУН-6 кВ.<br>Яч.№2;ТП-3(2Т) |   | $\frac{1}{12}$ | $\frac{1}{12}$ | $\frac{3}{24}$ |                |               |        | 2014г.        | -             | 2013г. | TO            | TO | TO | TO             | $\frac{T}{12}$ | TO             | TO             | TO | TO | TO | TO             | TO | TO  | 24 |
| Яч.№3;CC3                    |   |                |                |                |                |               |        | 2014г.        | -             | 2013г. | TO            | TO | TO | TO             | $\frac{T}{12}$ | TO             | TO             | TO | TO | TO | TO             | TO | TO  | 20 |
| Яч.№5;ОГС                    |   |                |                |                |                |               |        | 2014г.        | -             | 2013г. | TO            | TO | TO | TO             | $\frac{T}{12}$ | TO             | TO             | TO | TO | TO | TO             | TO | TO  | 20 |
| Яч№6;ТП-2(1Т)                |   |                |                |                |                |               |        | 2014г.        | -             | 2013г. | TO            | TO | TO | TO             | $\frac{T}{12}$ | TO             | TO             | TO | TO | TO | TO             | TO | TO  | 20 |
| Яч№8;Ввод№1                  |   |                |                |                |                |               |        | 2014г.        | -             | 2013г. | TO            | TO | TO | TO             | $\frac{T}{12}$ | TO             | TO             | TO | TO | TO | TO             | TO | TO  | 20 |
| Яч№9;TH-1                    |   | 3/4            | 3/4            | 3/4            | 12 /<br>12     | 2006г.        | 2009г. |               | 07.<br>2012г. | TO     | TO            | TO | TO | TO             | TO             | $\frac{T}{20}$ | TO             | TO | TO | TO | TO             | TO | 20  |    |
| Яч№10;ТП-1;вв1               |   |                |                |                |                |               |        | 2012г.        | 2013г.        |        | 06.<br>2014г. | TO | TO | TO             | $\frac{T}{12}$ | TO             | TO             | TO | TO | TO | TO             | TO | 20  |    |
| Яч№13; СР                    |   |                |                |                |                |               |        | 2011г.        | 2012г.        |        | 05.<br>2013г. | TO | TO | TO             | TO             | $\frac{T}{12}$ | TO             | TO | TO | TO | TO             | TO | 20  |    |
| Яч№14; СМВ                   |   |                |                |                |                |               |        | 2011г.        | 2012г.        |        | 05.<br>2013г. | TO | TO | TO             | TO             | $\frac{T}{12}$ | TO             | TO | TO | TO | TO             | TO | 20  |    |
| Яч№15;ОГС                    |   |                |                |                |                |               |        | 2010г.        | 2011г.        |        | 07.<br>2012г. | TO | TO | TO             | TO             | $\frac{T}{12}$ | TO             | TO | TO | TO | $\frac{T}{12}$ | TO | TO  | 20 |
| Яч№16; TH-2                  |   |                |                |                |                |               |        |               | 2009г.        |        | 08.<br>2012г. | TO | TO | TO             | $\frac{T}{12}$ | TO             | TO             | TO | TO | TO | TO             | TO | 20  |    |
| Яч№17;ТП-1;вв2               |   |                |                |                |                |               |        |               | 2017г.        | 2017г. | 05.<br>2013г. | TO | TO | TO             | $\frac{T}{12}$ | TO             | TO             | TO | TO | TO | TO             | TO | 20  |    |
| Яч№18; Ввод№2                |   |                |                |                |                |               |        |               | 2017г.        | 2011г. | 08.<br>2014   | TO | TO | TO             | $\frac{T}{12}$ | TO             | TO             | TO | TO | TO | TO             | TO | 20  |    |
| Яч№21;ТП-5                   |   |                |                |                |                |               |        |               | 2017г.        | 2011г. | 06.<br>2014   | TO | TO | TO             | TO             | $\frac{T}{12}$ | TO             | TO | TO | TO | TO             | TO | 20  |    |

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|   |   |      |      |     |          |        |        |        |               |    |    |    |                |                |    |                |    |    |    |                |    |      |                 |
|---|---|------|------|-----|----------|--------|--------|--------|---------------|----|----|----|----------------|----------------|----|----------------|----|----|----|----------------|----|------|-----------------|
| Яч№23; ОГС  |   |      |      |     |          | 2017г. |        | 2014   | 09.<br>2013г. | TO | TO | TO | $\frac{T}{12}$ | TO             | TO | TO             | TO | TO | TO | TO             | TO | 20   |                 |
| 1   | 2 | 3    | 4    | 5   | 6        | 7      | 8      | 9      | 10            | 11 | 12 | 13 | 14             | 15             | 16 | 17             | 18 | 19 | 20 | 21             | 22 | 23   | 24              |
| Яч№25; СС3  |   |      |      |     |          | 2017г  | 2014г  | —      | 11.<br>2012г. | TO | TO | TO | TO             | TO             | TO | TO             | TO | TO | TO | $\frac{T}{12}$ | TO | TO   | 12              |
| Яч№24; ТП-3(1Т)   |   |      |      |     |          | 2017   | 2013   | —      | 04.<br>2014г. | TO | TO | TO | $\frac{T}{12}$ | TO             | TO | TO             | TO | TO | TO | TO             | TO | TO   | 12              |
| <u>ТП-1</u><br><u>Яч№2; ТП-4</u>                        |   |      |      |     |          | 2017г  | 2014г  | —      | 04.<br>2012г. | TO | TO | TO | $\frac{T}{12}$ | TO             | TO | TO             | TO | TO | TO | TO             | TO | TO   | 12              |
| <u>ТП-1</u><br><u>Яч№3; ТН</u>                          |   |      |      |     |          | 2007г  | 2006г  | 2009г  | 04.<br>2012г. | TO | TO | TO | $\frac{T}{12}$ | TO             | TO | TO             | TO | TO | TO | TO             | TO | TO   | 12              |
| <u>ТП-1</u><br><u>Яч№4; Вв№1</u>                        |   |      |      |     |          | 2017г  | 2014г  | —      | 04.<br>2012г. | TO | TO | TO | $\frac{T}{12}$ | TO             | TO | TO             | TO | TO | TO | TO             | TO | TO   | 12              |
| <u>ТП-1</u><br><u>Яч№5; 2Т</u>                          |   |      |      |     |          | 2017г  | 2014г  | —      | 04.<br>2012г. | TO | TO | TO | $\frac{T}{12}$ | TO             | TO | TO             | TO | TO | TO | TO             | TO | TO   | 32              |
| <u>ТП-1</u><br><u>Яч№6; 1Т</u>                          |   |      |      |     |          | 2017г  | 2014г. | —      | 04.<br>2012   | TO | TO | TO | $\frac{T}{12}$ | TO             | TO | TO             | TO | TO | TO | TO             | TO | TO   | 32              |
| <u>ТП-1</u><br><u>Яч№12; Вв№2</u>                       |   |      |      |     |          | 2017г  | 2014   | —      | 04.<br>2012   | TO | TO | TO | $\frac{T}{32}$ | TO             | TO | TO             | TO | TO | TO | TO             | TO | TO   | 32              |
| Приводы:<br>для выкл 22 шт.<br>для разъд. 5 шт.         |   |      |      |     |          |        |        |        |               |    |    |    |                |                |    |                |    |    |    |                |    |      | $22*10=$<br>220 |
| ЛР-1-3038   |   | 2/6  | 2/6  | —   | 6/24     | 2017г. | 2013г. | —      | 2009г.        | TO | TO | TO | TO             | $\frac{T}{30}$ | TO | TO             | TO | TO | TO | TO             | TO | TO   | 30              |
| ЛР-2-3038   |   | 2/6  | 2/6  | —   | 6/24     | 2017г. | 2013г. | —      | 2009г.        | TO | TO | TO | TO             | $\frac{T}{30}$ | TO | TO             | TO | TO | TO | TO             | TO | TO   | 30              |
| ВМ 35;2Т  |   | 1/12 | 1/12 | —   | 3/24     | 2014г. | 2013г. | —      | 2013г.        | TO | TO | TO | TO             | $\frac{T}{32}$ | TO | TO             | TO | TO | TO | TO             | TO | TO   | 32              |
| PBC 35;2сш  |   | 1/1  | 1/1  | 1/1 | 2/6      | 2017г. | 2013г. | 2014г. | 2009г.        | TO | TO | TO | TO             | $\frac{T}{24}$ | TO | TO             | TO | TO | TO | TO             | TO | TO   | 24              |
| PВП 6; 2сш.   |   | 1/1  | 1/1  | 1/1 | 2/6      | 2017г. | 2013г. | 2014г. | 2009г.        | TO | TO | TO | TO             | $\frac{T}{24}$ | TO | TO             | TO | TO | TO | TO             | TO | TO   | 24              |
| Ремонт<br>кабельных линий<br>6 кВ. (2 линии)            |   |      |      |     | 20<br>43 |        |        |        |               | TO | TO | TO | TO             | TO             | TO | $\frac{K}{43}$ | TO | TO | TO | TO             | TO | TO   | 43*2=86         |
| Заземляющие<br>устройства<br>подстанций<br>(8 контуров) |   | 1/2  | 1/2  | 1/2 | 6/<br>10 |        |        | 2014г. |               | TO | TO | TO | TO             | TO             | TO | $\frac{T}{88}$ | TO | TO | TO | TO             | TO | TO   | 88              |
| Итого:  |   |      |      |     |          |        |        |        |               |    |    |    |                |                |    |                |    |    |    |                |    | 1114 |                 |

Начальник эл. службы

/Соловьёв В.Ю./

Составил: Гармаев А.С. 27.12.2017г.