

```

<xml xmlns="https://developers.google.com/blockly/xml">
  <variables>
    <variable type="cron" id="Regelzyklus">Regelzyklus</variable>
    <variable id="Afx/=yb(0%@DNw|pu_xD">3P</variable>
    <variable id="G0jH%YsB9jHq0(=(h!rH">1P</variable>
    <variable id="}IAU{1[.ve@rgPX)vkD^">Regelzeit</variable>
    <variable id=")Ud.XX!!QAg7!(k-T5o_">aktuelleLeistung</variable>
    <variable type="timeout" id="timeout">timeout</variable>
    <variable id="jk(6!|RIg!ogL9SSSWB{">ÜberschussLeistung</variable>
    <variable id="2/KY+MY]aqr_Q@j3~,]S">ÜberschussStrom</variable>
    <variable id="3:;UJ0gNdTEaay{Bt1sF">minPVPower1P</variable>
    <variable id="T0lt/LzIl%uWR:s_b{g}">minPVPower3P</variable>
    <variable id="/oZ?jK]RSX]+Fz]$wD3I">currentActual</variable>
    <variable id="N+4XP~9;/bGfP:;3G?ZL">currentUser</variable>
  </variables>
  <block type="comment" id="G3Dy[?M:zJ?(P[]+Z[ZD" x="-887" y="-1437">
    <field name="COMMENT">Datenpunkte</field>
    <next>
      <block type="create" id="J;laDKF*{j]J,vTY}{o" disabled="true">
        <field name="NAME">0_userdata.0.Zoe.GridOffset</field>
        <value name="VALUE">
          <block type="text" id="KHaoj{M$`^{l+:GA8*TR">
            <field name="TEXT">>false</field>
          </block>
        </value>
        <value name="COMMON">
          <block type="text" id="w}X}bl$nfPtXr7_O/w1">
            <field name="TEXT">{ "role" : "switch" , "type" : "boolean" , "name" : "PV Offset Grid" ,
"smartName" : { "de" : "PV Offset Grid" , "smartType" : "SWITCH" }}</field>
          </block>
        </value>
      </block>
    </next>
  </block>
  <block type="procedures_defnoreturn" id="FCj^XbPtuORgRBMMz$=E" disabled="true"
x="1488" y="-1438">
    <field name="NAME">setCyle</field>
    <comment pinned="false" h="80" w="160">Beschreibe diese Funktion ...</comment>
    <statement name="STACK">
      <block type="comment" id=".{tByWPBpe$e%^d,s]EF">
        <field name="COMMENT">im Regelzyklus die Leistung an der WB anpassen</field>
      </block>
    </statement>
    <next>
      <block type="schedule_clear" id="/qd[xZp2tU.nU$EyK.8:">
        <field name="NAME">Regelzyklus</field>
      </block>
    </next>
    <block type="schedule_create" id="2JU{/R[jnQRMgdE(0y#S">
      <field name="NAME">Regelzyklus</field>
      <value name="SCHEDULE">
        <shadow type="field_cron" id="M_Q]J/O8n}}M-]q(^,cL">
          <field name="CRON">* * * * *</field>
        </shadow>
        <block type="cron_builder" id="0YG~vx:+]M4,Thw:QeGw">
          <mutation xmlns="http://www.w3.org/1999/xhtml" seconds="true" as_line="false"></
mutation>
          <field name="LINE">FALSE</field>
          <field name="WITH_SECONDS">TRUE</field>
          <value name="DOW">
            <shadow type="text" id="g*F%$w*s{qhLn!e1fq/T">
              <field name="TEXT">*</field>
            </shadow>

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</value>
<value name="MONTHS">
  <shadow type="text" id="t4{4?xK-/ {t%rjF$0_iE">
    <field name="TEXT">*</field>
  </shadow>
</value>
<value name="DAYS">
  <shadow type="text" id="H$Ut2;7GWK{:Zg).#Bgh">
    <field name="TEXT">*</field>
  </shadow>
</value>
<value name="HOURS">
  <shadow type="text" id="r#XA:-|c_=H#7:k)b/1/">
    <field name="TEXT">*</field>
  </shadow>
</value>
<value name="MINUTES">
  <shadow type="text" id="N)$s2;;8J~/6YLe@t0h}">
    <field name="TEXT">*</field>
  </shadow>
</value>
<value name="SECONDS">
  <shadow type="text" id="7l3P]FD;k0h8#=(bt$kH">
    <field name="TEXT">*</field>
  </shadow>
  <block type="text_join" id="r?.4oKGK9k:9b}Be;9M/">
    <mutation items="2"></mutation>
    <value name="ADD0">
      <block type="text" id="S5;}xFGm!ZhMA4wpu_|A">
        <field name="TEXT">*/</field>
      </block>
    </value>
    <value name="ADD1">
      <block type="convert_tostring" id="heeSDJ6{/PkGTgpm5)J#">
        <value name="VALUE">
          <block type="variables_get" id="6$-yoz;4xCmGU@+OomPx">
            <field name="VAR" id="}!AU{1[.ve@rgPX)vkD^">Regelzeit</field>
          </block>
        </value>
      </block>
    </value>
  </block>
</value>
</block>
</value>
</block>
</value>
<statement name="STATEMENT">
  <block type="controls_if" id="-EPz7bXM6:,Na^pSc7)U">
    <value name="IF0">
      <block type="logic_negate" id="4o]-AaHfe*hKk{!%n`{C">
        <value name="BOOL">
          <block type="get_value" id="l5]*f1WGU}}}$i%!93}">
            <field name="ATTR">val</field>
            <field name="OID">javascript.0.Zoe.ZielladungErreicht</field>
          </block>
        </value>
      </block>
    </value>
  </block>
</value>
<statement name="DO0">
  <block type="controls_if" id="1U#=%j%A+@0QAOWW7iOf}">
    <value name="IF0">

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<block type="logic_operation" id="*W{j3x(3./?,GE0;Rpqa">
  <field name="OP">AND</field>
  <value name="A">
    <block type="get_value" id="{9*/fv|GrEL9L8aw?$wS">
      <field name="ATTR">val</field>
      <field name="OID">javascript.0.Zoe.PVRegelungAktiv</field>
    </block>
  </value>
  <value name="B">
    <block type="logic_compare" id="jT%Pj-mt=7ASO7@-H~/+ ">
      <field name="OP">EQ</field>
      <value name="A">
        <block type="get_value" id="lmVKrh=T@Y)?N7UI[lmY">
          <field name="ATTR">val</field>
          <field name="OID">0_userdata.0.Zoe.ZoeStateLadung</field>
        </block>
      </value>
      <value name="B">
        <block type="math_number" id="Yb}C0Xfz(ym)3*Gn(f:i">
          <field name="NUM">2</field>
        </block>
      </value>
    </block>
  </value>
</block>
</value>
</block>
</value>
<statement name="DO0">
  <block type="comment" id="^+qe,Vt]J!eU;x6xSDL">
    <field name="COMMENT">----- Min+PV -----</
field>

  <next>
    <block type="controls_if" id="A1^|,fT=B1j(pVXH^V{w">
      <value name="IF0">
        <block type="logic_compare" id="?P^]zR~|O,/1w5_1;~=r">
          <field name="OP">EQ</field>
          <value name="A">
            <block type="get_value" id="l^88GLOG_BbrY/KnzBDm">
              <field name="ATTR">val</field>
              <field name="OID">0_userdata.0.Zoe.ZoeStateLadung</field>
            </block>
          </value>
          <value name="B">
            <block type="math_number" id="?DZ;j:[AV2o7I%lah1T%">
              <field name="NUM">2</field>
            </block>
          </value>
        </block>
      </value>
    </block>
    <statement name="DO0">
      <block type="comment" id="xeG_uHUqyLV_3r7~ey|">
        <field name="COMMENT">Phasenerkennung abwarten</field>
      <next>
        <block type="controls_if" id="aK4+=Q=UQVtMcT8js.hu">
          <mutation else="1"></mutation>
          <value name="IF0">
            <block type="logic_operation" id="/ol_~XHd(i_)iiFf0bdV">
              <field name="OP">OR</field>
              <value name="A">
                <block type="variables_get" id="sQbah3Nz-rfS.q%E?$w">
                  <field name="VAR" id="G0jH%YsB9jHq0(=h!rH">1P</field>

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</block>
</value>
<value name="B">
  <block type="variables_get" id="k4RsnM-}E?LIfeadEo7!">
    <field name="VAR" id="Afx/=yb(0%@DNw|pu_xD">3P</field>
  </block>
</value>
</block>
</value>
<statement name="DO0">
  <block type="comment" id="A#i|VC)b4}Q~Bl+7bmwV">
    <field name="COMMENT">Min+PV / Phase erkannt</field>
  <next>
    <block type="debug" id="X%s}h3gS-zbXfG${7Z{">
      <field name="Severity">log</field>
      <value name="TEXT">
        <shadow type="text" id="]AXZox=BB-k^kB`ok]h">
          <field name="TEXT">--- Regelzyklus Min+PV beginnt ---</field>
        </shadow>
      </value>
      <next>
        <block type="variables_set" id="7oe/APa$U*{_%;LbRYAA">
          <field name="VAR" id=")Ud.XX!!QAg7!(k-
T5o_">aktuelleLeistung</field>
          <value name="VALUE">
            <block type="math_arithmetic" id="e3R,n]Py9ys)O4~--.2E">
              <field name="OP">MULTIPLY</field>
              <value name="A">
                <shadow type="math_number" id="dH|
ac`WwgJ9Ti$zeL*%a">
                  <field name="NUM">1</field>
                </shadow>
                <block type="get_value" id="ztLKqRs/W={*gAlj:cbh">
                  <field name="ATTR">val</field>
                  <field name="OID">0_userdata.
0.AMISFronius.PowerFronius</field>
                </block>
              </value>
              <value name="B">
                <shadow type="math_number" id="0?+t%6LO?)4dzNc-
NL10">
                  <field name="NUM">-1</field>
                </shadow>
              </value>
            </block>
          </value>
          <next>
            <block type="debug" id="khNiypzdcxY/{C_N4ezg">
              <field name="Severity">log</field>
              <value name="TEXT">
                <shadow type="text">
                  <field name="TEXT">test</field>
                </shadow>
              <block type="text_join" id="Tq0DTGh_qtu_Zux$,g?{">
                <mutation items="2"></mutation>
                <value name="ADD0">
                  <block type="text" id="`(sd^ZdKB}KbXCtFXaT">
                    <field name="TEXT">Min+PV / aktuelle Grid-
Überschussleistung (W): </field>
                  </block>

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</value>
<value name="ADD1">
  <block type="convert_tostring" id="(tqJ[_oUSLJxl|
t%jLo?">

  <value name="VALUE">
    <block type="variables_get" id="5$YXK],%R1~*qtp5!F?
j">

    <field name="VAR" id=")Ud.XX!!QAg7!(k-
T5o_">aktuelleLeistung</field>

    </block>
  </value>
</block>
</value>
</block>
</value>
</block>
</value>
<next>
  <block type="controls_if" id="J*M^:1Ftz@@7@#`t/tQ$">
    <value name="IF0">
      <block type="logic_compare" id="a+s4G/jjYQ^}n]9)c(r">
        <field name="OP">NEQ</field>
        <value name="A">
          <block type="get_value" id="h{VuG15,G,61B}QIRT4+">
            <field name="ATTR">val</field>
            <field name="OID">0_userdata.0.Zoe.GridOffset</
field>

          </block>
        </value>
        <value name="B">
          <block type="math_number" id="2nAuBT~w8kC^|B)X!
WS^">

            <field name="NUM">0</field>
          </block>
        </value>
      </block>
    </value>
    <statement name="DO0">
      <block type="variables_set" id="#f}O2l/x?*~8)HzavC7*">
        <field name="VAR" id=")Ud.XX!!QAg7!(k-
T5o_">aktuelleLeistung</field>

        <value name="VALUE">
          <block type="math_arithmetic" id="{kZr-q2,mq-
F~S8U7MOq">

            <field name="OP">MINUS</field>
            <value name="A">
              <shadow type="math_number" id="R+`L%%IHR:t+R!
1)`c?k">

                <field name="NUM">1</field>
              </shadow>
              <block type="variables_get" id="1Bstccap1.lLv!
YtcTl(">

                <field name="VAR" id=")Ud.XX!!QAg7!(k-
T5o_">aktuelleLeistung</field>

                </block>
              </value>
              <value name="B">
                <shadow type="math_number">
                  <field name="NUM">1</field>
                </shadow>
                <block type="get_value" id="^`8o8lfd;w%mZ/
6;KEHh">

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        <field name="ATTR">val</field>
        <field name="OID">0_userdata.0.Zoe.GridOffset</
field>

        </block>
        </value>
        </block>
        </value>
        <next>
        <block type="debug" id="f]E239JKK04{}@Pk#{">
        <field name="Severity">log</field>
        <value name="TEXT">
        <shadow type="text">
        <field name="TEXT">test</field>
        </shadow>
        <block type="text_join" id="P2F|

0v:S{:#@^cgUx_YH">

        <mutation items="2"></mutation>
        <value name="ADD0">
        <block type="text" id="X0pXQ/AkonF`YJMfxXdn">
        <field name="TEXT">Min+PV / aktuelle Grid-
Überschussleistung - Offset Grid (W): </field>

        </block>
        </value>
        <value name="ADD1">
        <block type="convert_tostring" id="9lxxm|

(ndG7]foFKYzRO">

        <value name="VALUE">
        <block type="variables_get"

id="JrV{muSdHHS#UVM1U}Z">

        <field name="VAR" id=")Ud.XX!!QAg7!(k-
T5o_">aktuelleLeistung</field>

        </block>
        </value>
        </block>
        </value>
        </block>
        </value>
        </block>
        </value>
        </block>
        </next>
        </block>
        </statement>
        <next>
        <block type="controls_if" id="68j5yZu|[Rr+,h]x7$lg">
        <mutation elseif="1"></mutation>
        <value name="IF0">
        <block type="variables_get"

id="CuCf[+IX^+ZEv6EA=Nf}">

        <field name="VAR" id="G0jH%YsB9jHq0(=(h!rH">1P</
field>

        </block>
        </value>
        <statement name="DO0">
        <block type="debug" id="Y040#`Lb=3[,OJ5kG`j(">
        <field name="Severity">log</field>
        <value name="TEXT">
        <shadow type="text" id="s{!%$q|U)o,0IDhTC!xu">
        <field name="TEXT">Min+PV / 1 Phase</field>
        </shadow>
        </value>
        </block>

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[ycfyDAT(^syOwozMe">
pu_xD">3P</field>

Überschussleistung berechnen</field>

id="tTA%bj(c,LW]zfOzg80*">

8.8W*njebyeNtS">

rH">1P</field>

[jJrRnvU~:`,s">

ogL9SSSWB{">ÜberschussLeistung</field>

id="~gn+PciY`g`D3),#HqjN">

T5o_">aktuelleLeistung</field>

F">

(l/c13">

`v.#gE0dxoMT">

```
</statement>
<value name="IF1">
  <block type="variables_get" id="m/

    <field name="VAR" id="Afx/=yb(0%@DNw|

  </block>
</value>
<statement name="DO1">
  <block type="debug" id="2,mep0?fsV36_q*cu98K">
    <field name="Severity">log</field>
    <value name="TEXT">
      <shadow type="text" id="ZFVUL:)^scQh`[J,ak[; ">
        <field name="TEXT">Min+PV / 3 Phasen</field>
      </shadow>
    </value>
  </block>
</statement>
<next>
  <block type="comment" id="o4.TS]~8pfeLrYdA}R1Y">
    <field name="COMMENT">Min+PV /

  <next>
    <block type="controls_if"

      <mutation elseif="1"></mutation>
      <value name="IF0">
        <block type="variables_get" id="*y50?;

          <field name="VAR" id="G0jH%YsB9jHq0(=(h!

        </block>
      </value>
      <statement name="DO0">
        <block type="variables_set" id="nL.TN9|

          <field name="VAR" id="jk(6!|Rlg!

        <value name="VALUE">
          <block type="variables_get"

            <field name="VAR" id=")Ud.XX!!QAg7!(k-

          </block>
        </value>
      <next>
        <block type="debug" id=";pHz[]7-rLDUsVlu/N}

          <field name="Severity">log</field>
          <value name="TEXT">
            <shadow type="text">
              <field name="TEXT">test</field>
            </shadow>
          <block type="text_join" id="%|FV06$xHtz/W-

            <mutation items="2"></mutation>
            <value name="ADD0">
              <block type="text" id=",/m0rj0!
```

Überschussleistung (W): </field>

id="DVPbus?|Ea-6LEHD,a|a">

id="bqOBxX5q|Xw\$;BPI_Qy0">

ogL9SSSWB{">ÜberschussLeistung</field>

6B:tFOH!E">

pu_xD">3P</field>

id="u65cVwBKVDxem.?KuWM">

ogL9SSSWB{">ÜberschussLeistung</field>

4f@?RXf,BUW">

id="gGzm^6_JnfMC1-.Fkd|l">

9`^eg6=AVN56y=Qv%x">

T5o_">aktuelleLeistung</field>

id="QrSikDWI~m~^P~d]3#Lf">

PzZ]Z)BTB;exeK">

<field name="TEXT">Min+PV / 1P /

</block>

</value>

<value name="ADD1">

<block type="convert_tostring"

<value name="VALUE">

<block type="variables_get"

<field name="VAR" id="jk(6!|Rlg!

</block>

</value>

</block>

</value>

</block>

</value>

</block>

</next>

</block>

</statement>

<value name="IF1">

<block type="variables_get" id="#JvD4h6Fjn.

<field name="VAR" id="Afx/=yb(0%@DNw|

</block>

</value>

<statement name="DO1">

<block type="variables_set"

<field name="VAR" id="jk(6!|Rlg!

<value name="VALUE">

<block type="math_arithmetic" id="kJVX6d,B?

<field name="OP">DIVIDE</field>

<value name="A">

<shadow type="math_number"

<field name="NUM">1</field>

</shadow>

<block type="variables_get" id="O;

<field name="VAR" id=")Ud.XX!!QAg7!(k-

</block>

</value>

<value name="B">

<shadow type="math_number"

<field name="NUM">1</field>

</shadow>

<block type="math_number" id="hlqV3|

<field name="NUM">3</field>

</block>

</value>

</block>

aSnh">

id="BL5dEmwG7f1rfWd8Q=~[">

8lPd0y3c{fYq-]wK">

Überschussleistung (W): </field>

id="Sc7uGDREVRj?ckA5i|Nv">

kFYDsU]y83X;sCzy~">

ogL9SSSWB{">ÜberschussLeistung</field>

#yZgx=7]C~6jfYt">

Überschussstrom berechnen</field>

DXINSw@S~J">

KY+MY]aqr_Q@j3~,]S">ÜberschussStrom</field>

id="EYjzFmT^zww@8B59p[*q">

id="AJVj[zsW/?7+b38r@DA4">

9Wa%,p0!=">

ogL9SSSWB{">ÜberschussLeistung</field>

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</value>
<next>
  <block type="debug" id="?b{9U?,_{7P1AD?

    <field name="Severity">log</field>
    <value name="TEXT">
      <shadow type="text">
        <field name="TEXT">test</field>
      </shadow>
    <block type="text_join"

      <mutation items="2"></mutation>
      <value name="ADD0">
        <block type="text" id="R{E|

          <field name="TEXT">Min+PV / 3P /

        </block>
      </value>
      <value name="ADD1">
        <block type="convert_tostring"

          <value name="VALUE">
            <block type="variables_get" id="PX-

              <field name="VAR" id="jk(6!|Rlg!

            </block>
          </value>
        </block>
      </value>
    </block>
  </value>
</block>
</next>
</block>
</statement>
<next>
  <block type="comment" id="y9Eq?

    <field name="COMMENT">Min+PV /

  <next>
    <block type="variables_set" id="fpk}JjJD,!

      <field name="VAR" id="2/

      <value name="VALUE">
        <block type="math_arithmetic"

          <field name="OP">DIVIDE</field>
          <value name="A">
            <shadow type="math_number"

              <field name="NUM">1</field>
            </shadow>
          <block type="variables_get" id="j{/z}`MH3}/

            <field name="VAR" id="jk(6!|Rlg!
```

8yv9tWSY~ieK@LIPI#{ ">

f*ehW">

b: `(X">

4u\$4uQue.3o">

Überschussstrom (A): </field>

1L4Rr!dp=fyqwf|J*PL">

N(;K9TLz|_t3v;eMG">

KY+MY]aqr_Q@j3~,]S">ÜberschussStrom</field>

id="CMTL^\$UD!CiLdTj\$WXoC">

KY+MY]aqr_Q@j3~,]S">ÜberschussStrom</field>

id="bqv-6Kzzv[wv:6iWHTc%">

id="_l{,#7.90D-DB{hdTOdo">

id="DaqU+Jc7IXbhof\$%3Zk{">

KY+MY]aqr_Q@j3~,]S">ÜberschussStrom</field>

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</block>
</value>
<value name="B">
  <shadow type="math_number" id="|

  <field name="NUM">230</field>
</shadow>
</value>
</block>
</value>
<next>
  <block type="debug" id="|Tp?~QZ?e0?we!|

  <field name="Severity">log</field>
  <value name="TEXT">
    <shadow type="text">
      <field name="TEXT">test</field>
    </shadow>
    <block type="text_join" id="ErxzP3[l,=SAxs-

    <mutation items="2"></mutation>
    <value name="ADD0">
      <block type="text" id="#2)}|/vs?

      <field name="TEXT">Min+PV /

    </block>
    </value>
    <value name="ADD1">
      <block type="convert_tostring" id=",

      <value name="VALUE">
        <block type="variables_get" id="+z!

        <field name="VAR" id="2/

      </block>
    </value>
    </block>
    </value>
    </block>
  </value>
  <next>
    <block type="variables_set"

    <field name="VAR" id="2/

    <value name="VALUE">
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      <field name="OP">MULTIPLY</field>
      <value name="A">
        <shadow type="math_number"

        <field name="NUM">1</field>
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      <block type="variables_get"

      <field name="VAR" id="2/
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id="Nr~@2(4k{sJrzYQB/Z]U">

id="NxLO_OG[zThy:no/e-U)">

id="n|:ziC=Slu+rlaF}]Qa(">

id="D{KYfkW4[#qB4)5o:w..">

c^oXh.s3_A\$7TlrL">

Überschussstrom (mA): </field>

id="fJAACsh9w\$JCf:@QV^a}">

id="t_] /8;9J?TCdR]O@,0Pe">

KY+MY]aqr_Q@j3~,]S">ÜberschussStrom</field>

9xz9J56Elx)gYJ1M">

Reduzierung PV Einfluss</field>

hN1Qvg\$ZkM">

id="fVV.@=(Xr~DHd0j]f*0">

mutation>

```
</block>
</value>
<value name="B">
  <shadow type="math_number"
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```
    <field name="NUM">1000</field>
  </shadow>
</value>
</block>
</value>
<next>
  <block type="debug"
```

```
    <field name="Severity">log</field>
    <value name="TEXT">
      <shadow type="text"
```

```
        <field name="TEXT">test</field>
      </shadow>
    <block type="text_join"
```

```
      <mutation items="2"></mutation>
      <value name="ADD0">
        <block type="text" id="3CS/
```

```
          <field name="TEXT">Min+PV /
```

```
        </block>
      </value>
      <value name="ADD1">
        <block type="convert_tostring"
```

```
          <value name="VALUE">
            <block type="variables_get"
```

```
              <field name="VAR" id="2/
```

```
            </block>
          </value>
        </block>
      </value>
    </block>
  </value>
<next>
  <block type="comment" id="x05?
```

```
    <field name="COMMENT">Min+PV /
```

```
  <next>
    <block type="debug" id="}`^l2o}r}
```

```
    <field name="Severity">log</field>
    <value name="TEXT">
      <shadow type="text">
        <field name="TEXT">test</field>
      </shadow>
    <block type="text_join"
```

```
      <mutation items="2"></
```

~9B%BYb]*d4p4U\$JOZ8">

alter Current User (mA): </field>

id="\$?Tr_xt\$[C-TnaaQU6E#">

id="q1x3495=\$v8fTDqoDBj? ">

field>

name="OID">kecontact.0.currentUser</field>

id=".iZM5,q]76}GQ3dQ\$YVC">

id="swQMmS}g,e1v4Rx:[1lg">

id="`d8_jL_C@RC3F4QkxRD;">

KY+MY]aqr_Q@j3~,]S">ÜberschussStrom</field>

id="GjNC+0R_AMTNqiT9@:SP">

field>

id="4L#AOKKnr7UqS9SIs60Z">

KY+MY]aqr_Q@j3~,]S">ÜberschussStrom</field>

type="math_arithmetic" id="vTCPo-=)ECFmCdqkVT4\$">

name="OP">DIVIDE</field>

type="math_number">

<value name="ADD0">
<block type="text" id="/

<field name="TEXT">Min+PV /

</block>

</value>

<value name="ADD1">

<block type="convert_tostring"

<value name="VALUE">

<block type="get_value"

<field name="ATTR">val</

<field

</block>

</value>

</block>

</value>

</block>

</value>

<next>

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<mutation else="1"></mutation>

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<value name="A">

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<field name="VAR" id="2/

</block>

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<value name="B">

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</block>

</value>

</block>

</value>

<statement name="DO0">

<block type="variables_set"

<field name="VAR" id="2/

<value name="VALUE">

<block

<field

<value name="A">

<shadow

field>

type="variables_get" id="YWtP]ec_F.3qCb9p56A_">
id="2/KY+MY]aqr_Q@j3~,]S">ÜberschussStrom</field>

type="math_number">

field>

id="AV@K_Nn=Q5z~\$/?qTQW\$">
name="ATTR">val</field>
name="OID">0_userdata.0.Zoe.PVFaktor</field>

id="~IDEM5WKd.5X=.hHTIEI">
name="Severity">log</field>

name="TEXT">test</field>

id="P~}#,uuOEx#kk0YK[!m3">
mutation>

id="Byl_Vd_ri!=Xd8_5pt*O">
name="TEXT">Min+PV / reduzierter Überschussstrom durch Faktor (mA):

type="convert_tostring" id="\$6vwgwVzdhZd1jG7QMy*">

name="VALUE">

type="variables_get" id="#ypX){}#?Iti}1./2jt|">
id="2/KY+MY]aqr_Q@j3~,]S">ÜberschussStrom</field>

<field name="NUM">1</

</shadow>
<block

<field name="VAR"

</block>
</value>
<value name="B">
<shadow

<field name="NUM">3</

</shadow>
<block type="get_value"

<field

<field

</block>
</value>
</block>
</value>
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<block type="debug"

<field

<value name="TEXT">
<shadow type="text">
<field

</shadow>
<block type="text_join"

<mutation items="2"></

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<block type="text"

<field
</field>
</block>
</value>
<value name="ADD1">
<block

<value

<block

<field name="VAR"

</block>
</value>
</block>
</value>
</block>

id="R\$9cwu`=ooT|fM1?U_@G">

name="COMMENT">PV / Reduzierung auf Max. Änderung</field>

type="variables_set" id="aO?8Zk{[]y#5gm_PwWFY">

id="2/KY+MY]aqr_Q@j3~,]S">ÜberschussStrom</field>

name="VALUE">

type="math_constrain" id=".qiBR[5H;vq#dT9FC`kv">

name="VALUE">

type="math_number">

name="NUM">50</field>

type="variables_get" id="V6[oy)JcnoR5;bJDA9q">

name="VAR" id="2/KY+MY]aqr_Q@j3~,]S">ÜberschussStrom</field>

name="LOW">

type="math_number" id="1BPY[]kY~6Ht@`zdV:d;">

name="NUM">0</field>

name="HIGH">

type="math_number" id="F461G7X!%qQX5]mgKMoK">

name="NUM">500</field>

type="get_value" id="/3nG^M5srt}cX?\$ox;!*">

name="ATTR">val</field>

name="OID">javascript.0.Zoe.maximaleÄnderungStrom</field>

id="A=E#(V=*f+gR:eczyFWj">

name="Severity">log</field>

name="TEXT">

</value>

<next>

<block type="comment"

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<next>

<block type="debug"

<field

<value

type="text">	<shadow
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	</shadow>
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items="2"></mutation>	<mutation
name="ADD0">	<value
type="text" id="YC]#[LMlyFY[S@5cP.LD">	<block
name="TEXT">Min+PV / reduziere Überschussstrom Max.Änderung (mA): </field>	<field
	</block>
	</value>
name="ADD1">	<value
type="variables_get" id="Jn91pE-p?xg/^fZB4XG@">	<block
name="VAR" id="2/KY+MY]aqr_Q@j3~,]S">ÜberschussStrom</field>	<field
	</block>
	</value>
	</block>
	</value>
	</block>
	</next>
	</block>
	</next>
	</block>
	</next>
	</block>
	</next>
	</block>
	</statement>
	<statement name="ELSE">
	<block type="debug" id="J}
DE8EUq,plbf*mA`=?r">	
field>	<field name="Severity">log</
	<value name="TEXT">
id="`Atfy=czA7L`Z#WnpoxG">	<shadow type="text"
name="TEXT">Min+PV / kein Überschuss, keine Reduzierung des Stromes</field>	<field
	</shadow>
	</value>
	</block>
	</statement>
	<next>
id="wGW`N H}k]#E_nAhlmYK">	<block type="comment"
name="COMMENT">Min+PV / neuen Strom berechnen mittels aktuellem</field>	<field
	<next>
id="IN^+W9([4yUi+QRVQ+@4">	<block type="controls_if"

mutation>

type="variables_get" id="Y5Gn4Yw;8Gs^0`ska{mM">

id="G0jH%YsB9jHq0(=(h!rH">1P</field>

type="variables_set" id="0@}9L635X#29QEC.j]lz">

oZ?jK]RSX]+Fz]\$wD3l">currentActual</field>

id="HnHsE_rP*?CM:ed{G%N/">

name="ATTR">val</field>

name="OID">kecontact.0.i1</field>

type="variables_get" id="{vRNAfW|,cTUacD=4Kh@">

id="Afx/=yb(0%@DNw|pu_xD">3P</field>

type="variables_set" id="fAYXS/sa0iz^~}c1@*~j">

oZ?jK]RSX]+Fz]\$wD3l">currentActual</field>

type="math_arithmetic" id="Sw+E\$_j)Ryo2[WhvY}~x">

name="OP">DIVIDE</field>

type="math_number" id="6F7`JXRA6WPnMputXSc8">

name="NUM">1</field>

type="math_arithmetic" id=";p|!z8cEy5YYp6VU.j`">

name="OP">ADD</field>

type="math_number" id="#kP@CBUMYQ@j#)yHABJ%">

name="NUM">1</field>

type="get_value" id="DH:clqpF4z(;O-.P.-BV">

<mutation elseif="1"></

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<block

<field name="VAR"

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</value>

<statement name="DO0">

<block

<field name="VAR" id="/

<value name="VALUE">

<block type="get_value"

<field

<field

</block>

</value>

</block>

</statement>

<value name="IF1">

<block

<field name="VAR"

</block>

</value>

<statement name="DO1">

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<value name="VALUE">

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<value name="A">

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<block

<field

<value name="A">

<shadow

<field

</shadow>

<block

name="ATTR">val</field>	<field
name="OID">kecontact.0.i1</field>	<field
	</block>
	</value>
	<value name="B">
	<shadow
type="math_number" id="b:f;xqlnk:1e0/5pR^nc">	
name="NUM">1</field>	<field
	</shadow>
	<block
type="math_arithmetic" id="4L?d`7/}5x]h-}}e+4M">	
name="OP">ADD</field>	<field
name="A">	<value
	<shadow
type="math_number" id="v37QTIF=Yj3\$u;c3[mtL">	
name="NUM">1</field>	<field
	</shadow>
	<block
type="get_value" id="j~y4lukC47ifYg%!T@2Z">	
name="ATTR">val</field>	<field
name="OID">kecontact.0.i2</field>	<field
	</block>
	</value>
	<value
name="B">	<shadow
type="math_number" id="QvI_2%@P_0xK*8Fe6)kf">	
name="NUM">1</field>	<field
	</shadow>
	<block
type="get_value" id="kC?wld;62Aeh)?4p/5R!">	
name="ATTR">val</field>	<field
name="OID">kecontact.0.i3</field>	<field
	</block>
	</value>
	</block>
	</value>
	</block>
	</value>
	<value name="B">
	<shadow
type="math_number" id="!tWP@Wvo933;)/F7g-R}">	
name="NUM">3</field>	<field
	</shadow>
	</value>
	</block>
	</value>
	</block>

id="#1qWC,v#GzM/J3m@B(Jr">

name="Severity">log</field>

id="%`!Stj|mPzU@K6X@rQO2">

name="TEXT">test</field>

id="b@,N;OE6zyzptgT9voqL">

items="2"></mutation>

id="m5TXix_,n%Sk;#K2ME0O">

name="TEXT">Min+PV / aktueller Strom: </field>

type="convert_tostring" id="Q[acS]/ocwQep1/Sm@?o">

name="VALUE">

type="variables_get" id=")0n@S(NqtFzvxsU+H^]">

name="VAR" id="/oZ?jK]RSX]+Fz]\$wD3l">currentActual</field>

id="[7U!zRvUOChnDs.,@Bb">

name="Severity">log</field>

id="dQ9U1U:]|~`JVI)H=T_{">

name="TEXT">test</field>

type="text_join" id="O@Pgwwh5izb_62IJN0d5">

items="2"></mutation>

name="ADD0">

id="rOg;=X6^gxY/Z2Rn)l6x">

name="TEXT">Min+PV / min.Current: </field>

</statement>

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<block type="debug"

<field

<value name="TEXT">

<shadow type="text"

<field

</shadow>

<block type="text_join"

<mutation

<value name="ADD0">

<block type="text"

<field

</block>

</value>

<value name="ADD1">

<block

<value

<block

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<value name="TEXT">

<shadow type="text"

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<mutation

<value

<block type="text"

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name="ADD1">
type="text_join" id="8Y`kaJ3ZZdOzSX-O94Ey">
items="2"></mutation>
name="ADD0">
type="convert_tostring" id="?g5fZ:ID_9dAX/VWN\$C(">
name="VALUE">
type="get_value" id="HReHjb[Sz;H.qZozfyfE">
name="ATTR">val</field>
name="OID">0_userdata.0.Zoe.ZoeMinCurrent</field>

name="ADD1">
type="text_join" id="Y8FQSg|V~a@RDy*LP!-!">
items="2"></mutation>
name="ADD0">
type="text" id="UNyxcC9q:.qC4s[5hMJh">
name="TEXT">A / max.Current: </field>

name="ADD1">
type="text_join" id="eZ8ZdN8(pHao70e46(WI">
items="2"></mutation>
name="ADD0">
type="convert_tostring" id="ySle|C55A=2u+^R3@fXu">
name="VALUE">
type="get_value" id="?yQ?NpIWVII.slvS@3RG">
name="ATTR">val</field>
name="OID">0_userdata.0.Zoe.ZoeMaxCurrent</field>

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name="ADD1">	<value
type="text" id="Qfcc: ^UVwPs*0!lpceYS">	<block
name="TEXT">A</field>	<field
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	<block
type="variables_set" id="4eTJL`3U5pfT/SQX#YYq">	
id="N+4XP~9/;bGfP:,3G?ZL">currentUser</field>	<field name="VAR"
name="VALUE">	<value
type="math_constrain" id="#`HB/O?_l5m2IVsgmsO]">	<block
name="VALUE">	<value
type="math_number" id="lA)1[f=0SZcY%]C]9m3">	<shadow
name="NUM">50</field>	<field
	</shadow>
	<block
type="math_arithmetic" id="v[QXKy2wP_0[lre8,CRv">	<field
name="OP">ADD</field>	<value
name="A">	<shadow
type="math_number" id="/uD+jer[:tH%7\$yg?69*">	<field
name="NUM">1</field>	</shadow>
	<block
type="variables_get" id="[G^{.a]BlqVuJbF)p#eG">	<field
name="VAR" id="/oZ?jK]RSX]+Fz]\$wD3l">currentActual</field>	</block>
	</value>
	<value
name="B">	<shadow
type="math_number" id="Ex/:c5buMBli~(=ljcub">	<field
name="NUM">1</field>	</shadow>
	<block
type="variables_get" id="vBuiv%LNE%Q3gx6wU4O4">	<field
name="VAR" id="2/KY+MY]aqr_Q@j3~,]S">ÜberschussStrom</field>	

name="LOW">

type="math_number" id="f7[*+Tx%USO2C73#xC]Y">

name="NUM">1</field>

type="math_arithmetic" id="8xhYhXXbWLQ}R-,2*hbZ">

name="OP">MULTIPLY</field>

name="A">

type="math_number" id="}4H/@J1MPdC%{9O6k[vN">

name="NUM">1</field>

type="get_value" id="N0ya^b}9#)`D1`[!W:e_">

name="ATTR">val</field>

name="OID">0_userdata.0.Zoe.ZoeMinCurrent</field>

name="B">

type="math_number" id="v]gi(pKclbk6%F\$d?i?b">

name="NUM">1000</field>

name="HIGH">

type="math_number" id="9]_Q|CMDSOPK1wDWfj.y">

name="NUM">100</field>

type="math_arithmetic" id="?U%D;q7xcW7=_SR^G\$8X">

name="OP">MULTIPLY</field>

name="A">

type="math_number" id="uUw1DkvGP[];TCJC%+{0">

name="NUM">1</field>

type="get_value" id="``\$Ekb3p.W?m^3y`@pyV">

</block>
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name="ATTR">val</field>	<field
name="OID">0_userdata.0.Zoe.ZoeMaxCurrent</field>	<field
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name="B">	<value
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name="NUM">1000</field>	<field
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	</block>
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	</value>
	<next>
	<block
type="control" id="KrWujDJ0{%IT3UzH6.fs">	
xmlns="http://www.w3.org/1999/xhtml" delay_input="false"></mutation>	<mutation
name="OID">kecontact.0.currentUser</field>	<field
name="WITH_DELAY">FALSE</field>	<field
name="VALUE">	<value
type="variables_get" id=":f-+zXtG@726LS9hJk6@">	<block
name="VAR" id="N+4XP~9/bGfP:,3G?ZL">currentUser</field>	<field
	</block>
	</value>
	<next>
	<block
type="debug" id="?Ao==GrCeleC4SH1@IIK">	
name="Severity">log</field>	<field
name="TEXT">	<value
type="text">	<shadow
name="TEXT">test</field>	<field
	</shadow>
	<block
type="text_join" id=" v[HMb2(7Gsyqr9)WA">	
items="2"></mutation>	<mutation
name="ADD0">	<value
type="text" id=":iX::3w`7!3:2gpptF;]">	<block
name="TEXT">Min+PV / neuer Current User (mA): </field>	<field
	</block>
	</value>

[illegible]

```

    </block>
  </statement>
  <statement name="ELSE">
    <block type="debug" id="5NyJS~0*Zc?P0.1gB}}B">
      <field name="Severity">log</field>
      <value name="TEXT">
        <shadow type="text" id="AzC~H]s+;418a#qsQ_UM">
          <field name="TEXT">Min+PV / Phase ist noch nicht definiert!</
        </shadow>
      </value>
    </block>
  </statement>
</block>
</next>
</block>
</statement>
<next>
  <block type="comment" id="8P+bvISC5paV!qX_w|Y@">
    <field name="COMMENT">--- Regel Ende ----</field>
    <next>
      <block type="debug" id="3/#RLETxPqpG-?5.8rw">
        <field name="Severity">log</field>
        <value name="TEXT">
          <shadow type="text" id="sB!a*iWur]-t;~={zL4v">
            <field name="TEXT">--- Regelzyklus Min+PV beendet ---</field>
          </shadow>
        </value>
      </block>
    </next>
  </block>
</next>
</block>
</next>
</block>
</next>
</block>
</statement>
<next>
  <block type="comment" id="_j0!X/aqS6eC]JE$P0%q">
    <field name="COMMENT">----- PV -----</field>
    <next>
      <block type="controls_if" id="Wb#TKCNwz@,_5UrU~**D">
        <value name="IF0">
          <block type="logic_operation" id="}Tx]^B`5d#H-.F!$Rm1T">
            <field name="OP">AND</field>
            <value name="A">
              <block type="get_value" id="KH@M8-q)0d(O6WM2o^%z">
                <field name="ATTR">val</field>
                <field name="OID">javascript.0.Zoe.PVRegelungAktiv</field>
              </block>
            </value>
            <value name="B">
              <block type="logic_compare" id="}hVzcQ2B`a^A|DPN:IY@">
                <field name="OP">EQ</field>
                <value name="A">
                  <block type="get_value" id="s0w|iM;M1CR~FTh)i}ah">
                    <field name="ATTR">val</field>
                    <field name="OID">0_userdata.0.Zoe.ZoeStateLadung</field>
                  </block>
                </value>
                <value name="B">

```

```

    <block type="math_number" id=";rdm#{0,o:e3Ng)(ym6">
      <field name="NUM">3</field>
    </block>
  </value>
</block>
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</value>
<statement name="DO0">
  <block type="debug" id="tzo,Wf30V#{R%2-gJ2bo">
    <field name="Severity">log</field>
    <value name="TEXT">
      <shadow type="text" id="G)=tL)D^8KPfwio%b`o4">
        <field name="TEXT">--- Regelzyklus PV beginnt ---</field>
      </shadow>
    </value>
    <next>
      <block type="variables_set" id="w3xm!bGnM9^};xo+ay`G">
        <field name="VAR" id=")Ud.XX!!QAg7!(k-T5o_">aktuelleLeistung</field>
        <value name="VALUE">
          <block type="math_arithmetic" id=",l[3)=x*ut*eXJi7V16">
            <field name="OP">MULTIPLY</field>
            <value name="A">
              <shadow type="math_number">
                <field name="NUM">1</field>
              </shadow>
            <block type="get_value" id=".=kjGP.0@n![AxH9TW]:">
              <field name="ATTR">val</field>
              <field name="OID">0_userdata.0.AMISFronius.PowerFronius</

```

field>

```

    </block>
  </value>
  <value name="B">
    <shadow type="math_number" id="8Vu`5P5=8onl0DJz92J">
      <field name="NUM">-1</field>
    </shadow>
  </value>
</block>
</value>
<next>
  <block type="debug" id="/^D~39?.=%fA~.}n,fK?">
    <field name="Severity">log</field>
    <value name="TEXT">
      <shadow type="text">
        <field name="TEXT">test</field>
      </shadow>
    <block type="text_join" id="D(iJi$P3NkF39PAHn[rw">
      <mutation items="2"></mutation>
      <value name="ADD0">
        <block type="text" id="!!(N0iFBWfg*n]3@uyp0">
          <field name="TEXT">PV / aktuelle Grid-Überschussleistung (W):

```

</field>

```

    </block>
  </value>
  <value name="ADD1">
    <block type="convert_tostring" id="IMA=wue]g%#ij6E]Eytg">
      <value name="VALUE">
        <block type="variables_get" id="^)%i!D=q2N#It+wDn[+0">
          <field name="VAR" id=")Ud.XX!!QAg7!(k-

```

T5o_">aktuelleLeistung</field>

```

        </block>
    </value>
</block>
</value>
</block>
</value>
<next>
<block type="controls_if" id="~BOBigb}am5?{S0Zyg7C">
    <value name="IF0">
        <block type="logic_compare" id="b!G]p39937;-;NUB|,}">
            <field name="OP">NEQ</field>
            <value name="A">
                <block type="get_value" id="DwNB{mwyLqRdwy|9YM;|">
                    <field name="ATTR">val</field>
                    <field name="OID">0_userdata.0.Zoe.GridOffset</field>
                </block>
            </value>
            <value name="B">
                <block type="math_number" id="YRf:Ujji=aH#k=;K(Q2M">
                    <field name="NUM">0</field>
                </block>
            </value>
        </block>
    </value>
    <statement name="DO0">
        <block type="variables_set" id="xUp_%5A{~ll(Gf@!:Qrl">
            <field name="VAR" id=")Ud.XX!!QAg7!(k-
T5o_">aktuelleLeistung</field>
            <value name="VALUE">
                <block type="math_arithmetic" id="/Ce0-yld0WcX4yma]Zk#">
                    <field name="OP">MINUS</field>
                    <value name="A">
                        <shadow type="math_number"
id="m:^5*6A,m~c$8EEoQ.~d">
                            <field name="NUM">1</field>
                        </shadow>
                        <block type="variables_get" id="xna.,+U|K6Bc$825QXj">
                            <field name="VAR" id=")Ud.XX!!QAg7!(k-
T5o_">aktuelleLeistung</field>
                        </block>
                    </value>
                </block>
            </value>
            <value name="B">
                <shadow type="math_number" id="hiH+,|w3kYj+vO2l-5L.">
                    <field name="NUM">1</field>
                </shadow>
                <block type="get_value" id="Owz)/;UbHbqzc*7@c5uU">
                    <field name="ATTR">val</field>
                    <field name="OID">0_userdata.0.Zoe.GridOffset</field>
                </block>
            </value>
        </block>
    </value>
</next>
<block type="debug" id="dMJ%Em9oG`g%E?oL`Wms">
    <field name="Severity">log</field>
    <value name="TEXT">
        <shadow type="text">
            <field name="TEXT">test</field>
        </shadow>
        <block type="text_join" id="8{Qcy%$1:~ptK45$I#`A">

```

```

        <mutation items="2"></mutation>
        <value name="ADD0">
          <block type="text" id=",J*hCRC3`Fy}9Rpp~r@n">
            <field name="TEXT">PV / aktuelle Grid-
Überschussleistung - Offset Grid (W): </field>
            </block>
          </value>
        <value name="ADD1">
          <block type="convert_tostring" id="gL:a]+]N,p|rqxwv.]hf">
            <value name="VALUE">
              <block type="variables_get" id="^]knWg9.QX8}
{ro#FUel">
                <field name="VAR" id=")Ud.XX!!QAg7!(k-
T5o_">aktuelleLeistung</field>
                </block>
              </value>
            </block>
          </value>
        </block>
      </value>
    </block>
  </next>
</block>
</statement>
<next>
  <block type="comment" id="WEM~M3_q/0@n#l}4##n@">
    <field name="COMMENT">PV / regeln</field>
  <next>
    <block type="controls_if" id="JNY/V=3kBv=K^y/-}_/A">
      <value name="IF0">
        <block type="logic_operation" id="3({nOnXQy3b~~3~KF4/
o">
          <field name="OP">AND</field>
          <value name="A">
            <block type="get_value" id="WJ{(gC3ko/Y/$9eC`m8=">
              <field name="ATTR">val</field>
              <field name="OID">kecontact.0.enableUser</field>
            </block>
          </value>
          <value name="B">
            <block type="logic_operation" id="vWe=}~,U/(-`i;k@/;K">
              <field name="OP">OR</field>
              <value name="A">
                <block type="variables_get" id="Boi-P!2KLY-
=On,T70_{">
                  <field name="VAR" id="G0jH%YsB9jHq0(=(!rH">1P</
field>
                  </block>
                </value>
              <value name="B">
                <block type="variables_get"
id="B.=t*4W~f,wQeX3KQtOI">
                  <field name="VAR" id="Afx/=yb(0%@DNw|
pu_xD">3P</field>
                  </block>
                </value>
              </block>
            </value>
          </block>
        </value>
      </value>
    </next>
  </block>
</value>

```

```

<statement name="DO0">
  <block type="comment" id="Tx)+[5p]kA]d.,E_oyq?">
    <field name="COMMENT">PV / Überschussleistung
berechnen</field>

  <next>
    <block type="controls_if" id="_x30jy){:x?GcMBS2@w!">
      <mutation elseif="1"></mutation>
      <value name="IF0">
        <block type="variables_get" id="{rv{Z-4v1yr|
          <field name="VAR" id="G0jH%YsB9jHq0(=(h!rH">1P</
        </block>
      </value>
    <statement name="DO0">
      <block type="variables_set" id="fe}x7uusV4ivvWx!
        <field name="VAR" id="jk(6!|Rlg!
          <value name="VALUE">
            <block type="variables_get"
              <field name="VAR" id=")Ud.XX!!QAg7!(k-
            </block>
          </value>
        <next>
          <block type="debug" id="C-
            <field name="Severity">log</field>
            <value name="TEXT">
              <shadow type="text" id="/9g^~#3tNaw#X|
            </value>
            <field name="TEXT">PV / 1 Phase</field>
            </shadow>
          </value>
        </block>
      </next>
    </block>
  </statement>
  <value name="IF1">
    <block type="variables_get"
      <field name="VAR" id="Afx/=yb(0%@DNw|
    </block>
  </value>
  <statement name="DO1">
    <block type="variables_set"
      <field name="VAR" id="jk(6!|Rlg!
        <value name="VALUE">
          <block type="math_arithmetic" id="Kro:36l?
            <field name="OP">DIVIDE</field>
            <value name="A">
              <shadow type="math_number">
                <field name="NUM">1</field>
              </shadow>

```

```

2">
T5o_">aktuelleLeistung</field>

id="O7au].t%:d=tKml^/TfL">

<block type="variables_get" id="i,`Sa2t7icaJ#J:tMk:
  <field name="VAR" id=")Ud.XX!!QAg7!(k-
    </block>
  </value>
  <value name="B">
    <shadow type="math_number">
      <field name="NUM">1</field>
    </shadow>
    <block type="math_number"
      <field name="NUM">3</field>
    </block>
  </value>
</block>
</value>
</block>
<next>
  <block type="debug" id="l3j8UapX#PHE}8KIFJ^L">
    <field name="Severity">log</field>
    <value name="TEXT">
      <shadow type="text" id="KE[mATRX,r59j/wN-q_1">
        <field name="TEXT">PV / 3 Phasen</field>
      </shadow>
    </value>
  </block>
</next>
</block>
</statement>
<next>
  <block type="debug" id="?XipkmX)]F9c2;zCg=g[">
    <field name="Severity">log</field>
    <value name="TEXT">
      <shadow type="text">
        <field name="TEXT">test</field>
      </shadow>
    <block type="text_join" id="UOtL`-m!7_YfDu.cF^|t">
      <mutation items="2"></mutation>
      <value name="ADD0">
        <block type="text" id="]j,!FBB0{=y.9y6_X1p">
          <field name="TEXT">PV / Überschussleistung (W):
</field>
        </block>
      </value>
      <value name="ADD1">
        <block type="convert_tostring"
          <value name="VALUE">
            <block type="variables_get" id="-V?
              <field name="VAR" id="jk(6!|Rlg!
            </block>
          </value>
        </block>
      </value>
    </block>
  </value>
</next>
  <block type="comment" id="xQ2#pn{xy)lfa0gZ;f|R">

```

berechnen</field>	<field name="COMMENT">PV / Überschussstrom
9kSXxqa[(m3q">	<next> <block type="variables_set" id="S2zu`M?:
KY+MY]aqr_Q@j3~,]S">ÜberschussStrom</field>	<field name="VAR" id="2/ <value name="VALUE"> <block type="math_arithmetic" id="b(V^e=W?
T.F@(.c#.f-l">	<field name="OP">DIVIDE</field> <value name="A"> <shadow type="math_number"> <field name="NUM">1</field> </shadow> <block type="variables_get" id="9.2L^rW)!`-
xyZ9S=h 1">	<field name="VAR" id="jk(6! Rlg!
ogL9SSSWB{">ÜberschussLeistung</field>	</block> </value> <value name="B"> <shadow type="math_number" id="}0{6
QRvxt LFCA6Mrl{">	<field name="NUM">230</field> </shadow> </value> </block> </value> <next> <block type="variables_set" id="!*-
@QJeSoCX+T5d6?8Z+">	<field name="VAR" id="2/ <value name="VALUE"> <block type="math_arithmetic"
KY+MY]aqr_Q@j3~,]S">ÜberschussStrom</field>	<field name="OP">MULTIPLY</field> <value name="A"> <shadow type="math_number"> <field name="NUM">1</field> </shadow> <block type="variables_get" id="~9JHe/
id="a6qQgoQw[zcqj(/=OKnz">	<field name="VAR" id="2/ </block> </value> <value name="B"> <shadow type="math_number"
G4gwQ=G?zRgP#Z">	<field name="NUM">1000</field> </shadow> </value> </block> </value> <next> <block type="debug" id="-
KY+MY]aqr_Q@j3~,]S">ÜberschussStrom</field>	<field name="Severity">log</field>
id="p@pdmAz/0g0!FNPpiE)">	
KI\$f0w)qHZ)el.:*Vjf">	

JzR;y%T#UMk">

id="t]4ao_@NjukOt,ucA9~H">

Überschussstrom (mA): </field>

id="d)8v{V{a{j m6`NgCbWS)">

id=".tGpB]h);B` t`/%AO|-;H">

KY+MY]aqr_Q@j3~,]S">ÜberschussStrom</field>

[YY\$=4f|lBfNK:">

Reduzierung durch PV Einfluss</field>

id="W;;J^NY:x#qMWGy}|(-H">

id=":a]2QSQ3ZDww|L,.wiRl">

id="(~P@.iD@X`] %9}/zM!U[">

KY+MY]aqr_Q@j3~,]S">ÜberschussStrom</field>

id="PHd}M*ku/4wpG]TyvFLC">

id="=:z`X^mw@e{v/|m1%i%S">

```
<value name="TEXT">
  <shadow type="text">
    <field name="TEXT">test</field>
  </shadow>
  <block type="text_join" id="0^wOQ@/
```

```
    <mutation items="2"></mutation>
    <value name="ADD0">
      <block type="text"
```

```
        <field name="TEXT">PV /
```

```
      </block>
    </value>
    <value name="ADD1">
      <block type="convert_tostring"
```

```
        <value name="VALUE">
          <block type="variables_get"
```

```
            <field name="VAR" id="2/
```

```
          </block>
        </value>
      </block>
    </value>
  </block>
</value>
<next>
  <block type="comment" id="xXDPZ|
```

```
    <field name="COMMENT">PV /
```

```
  <next>
    <block type="controls_if"
```

```
      <mutation else="1"></mutation>
      <value name="IF0">
        <block type="logic_compare"
```

```
          <field name="OP">GT</field>
          <value name="A">
            <block type="variables_get"
```

```
              <field name="VAR" id="2/
```

```
            </block>
          </value>
          <value name="B">
            <block type="math_number"
```

```
              <field name="NUM">0</field>
            </block>
          </value>
        </block>
      </value>
    <statement name="DO0">
      <block type="variables_set"
```

KY+MY]aqr_Q@j3~,]S">ÜberschussStrom</field>

id="m}?(.oalXfr^AvNF}NW">

id="ayF.ml/%*:aV\$yh|KI`S">

KY+MY]aqr_Q@j3~,]S">ÜberschussStrom</field>

id="VyNW.G%Jea=MUsWZ}? ,i">

0.Zoe.PVFaktor</field>

id="9g6*.U:RINR*ki;0BTF\$">

id="~!.Oa6.{YNteMu:lOrRz">

mutation>

id="m_o6BEI;8]uv#HVDYB\$U">

reduziere Überschussstrom durch Faktor (mA): </field>

id="Rue;#7.]Qc#^D^qW^KO]">

id="%9Nv?UdR*KH=_/IxLXC{">

KY+MY]aqr_Q@j3~,]S">ÜberschussStrom</field>

<field name="VAR" id="2/

<value name="VALUE">
<block type="math_arithmetic"

<field name="OP">DIVIDE</field>

<value name="A">

<shadow type="math_number">

<field name="NUM">1</field>

</shadow>

<block type="variables_get"

<field name="VAR" id="2/

</block>

</value>

<value name="B">

<shadow type="math_number">

<field name="NUM">3</field>

</shadow>

<block type="get_value"

<field name="ATTR">val</field>

<field name="OID">0_userdata.

</block>

</value>

</block>

</value>

<next>

<block type="debug"

<field name="Severity">log</field>

<value name="TEXT">

<shadow type="text">

<field name="TEXT">test</field>

</shadow>

<block type="text_join"

<mutation items="2"></

<value name="ADD0">

<block type="text"

<field name="TEXT">PV /

</block>

</value>

<value name="ADD1">

<block type="convert_tostring"

<value name="VALUE">

<block type="variables_get"

<field name="VAR" id="2/

</block>

</value>

</block>

</value>

id="t+GBF:{~fT-P6DO7v^ti">

Reduzierung auf Max. Änderung</field>

id="5rW?`wu*!+|xCe1z{MdE">

KY+MY]aqr_Q@j3~,]S">ÜberschussStrom</field>

type="math_constrain" id="SP{6qgkA]#8x-oN2olkO">

type="math_number" id="bRX-im9s90xvsC]S=`8Y">

name="NUM">50</field>

type="variables_get" id="";}}O1E{eIX;%URn#BF5;">

id="2/KY+MY]aqr_Q@j3~,]S">ÜberschussStrom</field>

type="math_number" id="Ry|BTUY]0T_4L7E\$9/5d">

field>

type="math_number" id="@qkoitql/I4Q2#)hUf#P">

name="NUM">500</field>

id="|i-[+)4Mqr+I%8\$7X^MY">

name="ATTR">val</field>

name="OID">javascript.0.Zoe.maximaleÄnderungStrom</field>

id="Zz2nOqyo^sN6cTdeVy@r">

name="Severity">log</field>

name="TEXT">test</field>

</block>

</value>

<next>

<block type="comment"

<field name="COMMENT">PV /

<next>

<block type="variables_set"

<field name="VAR" id="2/

<value name="VALUE">

<block

<value name="VALUE">

<shadow

<field

</shadow>

<block

<field name="VAR"

</block>

</value>

<value name="LOW">

<shadow

<field name="NUM">0</

</shadow>

</value>

<value name="HIGH">

<shadow

<field

</shadow>

<block type="get_value"

<field

<field

</block>

</value>

</block>

</value>

<next>

<block type="debug"

<field

<value name="TEXT">

<shadow type="text">

<field

</shadow>

[illegible]

```

        <block type="text_join"
          <mutation items="2"></
            <value name="ADD0">
              <block type="text"
                <field
derung (mA): </field>
              </block>
            </value>
            <value name="ADD1">
              <block
                <field name="VAR"
                  </block>
                </value>
              </block>
            </value>
          </block>
        </next>
      </block>
    </next>
  </block>
</next>
</block>
</statement>
<statement name="ELSE">
  <block type="debug" id="~q`_cJFf-
    <field name="Severity">log</field>
    <value name="TEXT">
      <shadow type="text" id="(l)/
        <field name="TEXT">PV / kein
      </shadow>
    </value>
  </block>
</statement>
<next>
  <block type="comment" id="fS*z-
    <field name="COMMENT">PV /
  </next>
  <block type="controls_if"
    <mutation elseif="1"></mutation>
    <value name="IF0">
      <block type="variables_get"
        <field name="VAR"
          </block>
        </value>
      <statement name="DO0">

```

id="cVY|(%fn_M*1!FYRCA}D">
jK]RSX]+Fz]\$wD3l">currentActual</field>

id=",S+Qt5E)To_HH,vRvtgT">

field>

0.i1</field>

id="qfw^GNL{.IJ.tTYYGm%J">

=yb(0%@DNw|pu_xD">3P</field>

id="u9j\$kuS5W2BkTmMSk=)u">

jK]RSX]+Fz]\$wD3l">currentActual</field>

id="mea,HU?0GStx-AnhJ}%6">

field>

type="math_number">

field>

type="math_arithmetic" id="!EUT0XNVN5OISJW(KY@+ ">

field>

type="math_number">

field>

id="cN8O98HCzzja_,fKp.td">

name="ATTR">val</field>

name="OID">kecontact.0.i1</field>

type="math_number">

<block type="variables_set"

<field name="VAR" id="/oZ?

<value name="VALUE">

<block type="get_value"

<field name="ATTR">val</

<field name="OID">kecontact.

</block>

</value>

</block>

</statement>

<value name="IF1">

<block type="variables_get"

<field name="VAR" id="Afx/

</block>

</value>

<statement name="DO1">

<block type="variables_set"

<field name="VAR" id="/oZ?

<value name="VALUE">

<block type="math_arithmetic"

<field name="OP">DIVIDE</

<value name="A">

<shadow

<field name="NUM">1</

</shadow>

<block

<field name="OP">ADD</

<value name="A">

<shadow

<field name="NUM">1</

</shadow>

<block type="get_value"

<field

<field

</block>

</value>

<value name="B">

<shadow

field>	<field name="NUM">1</
	</shadow>
type="math_arithmetic" id="r-MNH,C#?z,*eiohO@cW">	<block
name="OP">ADD</field>	<field
	<value name="A">
	<shadow
type="math_number">	<field
name="NUM">1</field>	</shadow>
	<block type="get_value"
id=".i9l(pnn]@Mrfiz9#3-">	<field
name="ATTR">val</field>	<field
name="OID">kecontact.0.i2</field>	</block>
	</value>
	<value name="B">
	<shadow
type="math_number">	<field
name="NUM">1</field>	</shadow>
	<block type="get_value"
id="S5XfPu}V+RM;O1h]p9IX">	<field
name="ATTR">val</field>	<field
name="OID">kecontact.0.i3</field>	</block>
	</value>
	</block>
	</value>
	</block>
	</value>
	<value name="B">
	<shadow
type="math_number" id="sy7:l^Br*x-sN6;`n~LW">	<field name="NUM">3</
field>	</shadow>
	</value>
	</block>
	</value>
	</block>
	</statement>
	<next>
	<block type="debug"
id="R0W*2Qm6q^AA#L}06IS)">	<field name="Severity">log</
field>	<value name="TEXT">
	<shadow type="text">
	<field name="TEXT">test</
field>	</shadow>

id="S;cJMeI--JOT}Ey1M{\$f">

mutation>

O.C;Kc)gg7V.A?X.!9i">

aktueller Strom: </field>

type="convert_tostring" id=")):IIDQNkX%!N(WmY}VN">

type="variables_get" id="/p4y2uzDfM6Jlw6aJ.Ra">

oZ?jK]RSX]+Fz]\$wD3l">currentActual</field>

id="pE(c?/NHKCXP}UM2KcnV">

field>

field>

id="l@2Q)!`+~(0N\*@l`UgW5">

mutation>

id="ZUh{bc9)Vc6L19QL#Uc}">

min.Current: </field>

id="A@xRhUCCbMm~]j2=w[?R">

mutation>

type="convert_tostring" id="V9o6K]l=x|QT5GqcB}tj">

name="VALUE">

type="get_value" id="C?|G8B=Mc6sUv;Mr.{yN">

name="ATTR">val</field>

<block type="text_join"

<mutation items="2"></

<value name="ADD0">

<block type="text" id="}

<field name="TEXT">PV /

</block>

</value>

<value name="ADD1">

<block

<value name="VALUE">

<block

<field name="VAR" id="/

</block>

</value>

</block>

</value>

</block>

</value>

<next>

<block type="debug"

<field name="Severity">log</

<value name="TEXT">

<shadow type="text">

<field name="TEXT">test</

</shadow>

<block type="text_join"

<mutation items="2"></

<value name="ADD0">

<block type="text"

<field name="TEXT">PV /

</block>

</value>

<value name="ADD1">

<block type="text_join"

<mutation items="2"></

<value name="ADD0">

<block

<value

<block

<field

name="OID">0_userdata.0.Zoe.ZoeMinCurrent</field>

id="-Pdcm4\$Hv/5nT1RDXrQh">

items="2"></mutation>

id="_|*dsT:v:Z`yc,M:!!xY">

name="TEXT">A / max.Current: </field>

type="text_join" id="ikVw(d\$;IQP2U!g/x\$kl">

items="2"></mutation>

name="ADD0">

type="convert_tostring" id="9u#nPPU,+m+UTF!*lbQ9">

name="VALUE">

type="get_value" id="p1ld5JXt(_~6XajJMZDQ">

name="ATTR">val</field>

name="OID">0_userdata.0.Zoe.ZoeMaxCurrent</field>

name="ADD1">

id="^P:e-O_RQOX=:~c0G2~?">

name="TEXT">A</field>

id="i#3FF0*HQk)@:5%ckoLq">

id="N+4XP~9;/bGfP:,3G?ZL">currentUser</field>

<field

</block>

</value>

</block>

</value>

<value name="ADD1">

<block type="text_join"

<mutation

<value name="ADD0">

<block type="text"

<field

</block>

</value>

<value name="ADD1">

<block

<mutation

<value

<block

<value

<block

<field

<field

</block>

</value>

</block>

</value>

<value

<block type="text"

<field

</block>

</value>

</block>

</value>

</block>

</value>

</block>

</value>

</block>

</value>

</block>

</value>

<next>

<block type="variables_set"

<field name="VAR"

type="math_constrain" id="A=hb7v!!pNCb0;Z~bRvy">

type="math_number">

name="NUM">50</field>

type="math_arithmetic" id="%wdXi|g?{nyXD2ZuV\$4m">

name="OP">ADD</field>

type="math_number" id="F;4!Hd:0+E#}@R}MAvQJ">

name="NUM">1</field>

type="variables_get" id="jt9}{QC85L#swsuYlo|P">

id="/oZ?jK]RSX]+Fz]\$wD3l">currentActual</field>

type="math_number">

name="NUM">1</field>

type="variables_get" id="m?psLskm*4fppPCv)n1t">

id="2/KY+MY]aqr_Q@j3~,]S">ÜberschussStrom</field>

type="math_number">

name="NUM">1</field>

type="math_arithmetic" id="ecPuu+Q]%UZ9L,_{F^AB">

name="OP">MULTIPLY</field>

type="math_number">

name="NUM">1</field>

type="get_value" id="a_g2}^#SGRq3O,.SWmCf">

name="ATTR">val</field>

<value name="VALUE">
<block

<value name="VALUE">
<shadow

<field

</shadow>

<block

<field

<value name="A">

<shadow

<field

</shadow>

<block

<field name="VAR"

</block>

</value>

<value name="B">

<shadow

<field

</shadow>

<block

<field name="VAR"

</block>

</value>

</block>

</value>

<value name="LOW">

<shadow

<field

</shadow>

<block

<field

<value name="A">

<shadow

<field

</shadow>

<block

<field

```

name="OID">0_userdata.0.Zoe.ZoeMinCurrent</field>

type="math_number" id="o02xGWdhY1(4-TKhJY^x">
name="NUM">1000</field>

type="math_number">
name="NUM">100</field>

type="math_arithmetic" id="1(Czv@}|CkKh(b1.2YXM">
name="OP">MULTIPLY</field>

type="math_number">
name="NUM">1</field>

type="get_value" id="_zH8uS7U[ji^WnrUZdQdD">
name="ATTR">val</field>
name="OID">0_userdata.0.Zoe.ZoeMaxCurrent</field>

type="math_number" id="pjT=aqMY%hPPgl.kFRu?">
name="NUM">1000</field>

id="d#qvUXN`dH@0|hRSL/%b">
www.w3.org/1999/xhtml" delay_input="false"></mutation>
name="OID">kecontact.0.currentUser</field>
name="WITH_DELAY">FALSE</field>

type="variables_get" id="%rFZva)L#@n14ib*zTt.">

```

```

<field>

</block>
</value>
<value name="B">
<shadow>

<field>

</shadow>
</value>
</block>
</value>
<value name="HIGH">
<shadow>

<field>

</shadow>
<block>

<field>

<value name="A">
<shadow>

<field>

</shadow>
<block>

<field>

<field>

</block>
</value>
<value name="B">
<shadow>

<field>

</shadow>
</value>
</block>
</value>
</block>
</value>
<next>
<block type="control"

<mutation xmlns="http://

<field>

<field>

<value name="VALUE">
<block>

```

id="N+4XP~9/;bGfP:,3G?ZL">currentUser</field>

id="pn{R=-49S%l/9;];G9R">

name="Severity">log</field>

type="text">

name="TEXT">test</field>

type="text_join" id="}m(b0]9@NkFbuRA@;ug/">

items="2"></mutation>

name="ADD0">

id="6[,6fYg/C+cK|77;!LkE">

name="TEXT">PV / neuer Current User (mA): </field>

name="ADD1">

type="convert_tostring" id="uFUI{Cn}@xjCX^Ov5V\$F">

name="VALUE">

type="variables_get" id=")K}7p/Yr3QWh92+RNJ:m">

name="VAR" id="N+4XP~9/;bGfP:,3G?ZL">currentUser</field>

<field name="VAR"

</block>

</value>

<next>

<block type="debug"

<field

<value name="TEXT">

<shadow

<field

</shadow>

<block

<mutation

<value

<block type="text"

<field

</block>

</value>

<value

<block

<value

<block

<field

</block>

</value>

</block>

</value>

</block>

</value>

</block>

</next>

</block>

</next>

</block>

</next>

</block>

</next>

</block>

</next>

</block>

</next>

</block>

</next>

</block>

</next>

</block>

```

        </next>
      </block>
    </next>
  </block>
</next>
</block>
</next>
</block>
</next>
</block>
</next>
</block>
</next>
</block>
</next>
</block>
</next>
</block>
</statement>
<next>
  <block type="comment" id="nIDC-YKJ@Pkh$ANGY5}u">
    <field name="COMMENT">PV / aktivieren</field>
  <next>
    <block type="controls_if" id="$Jg.CJr!,ab0`HG93Fe,">
      <value name="IF0">
        <block type="logic_compare" id="~r$5:~}?PX]?%XCw}

Q2!">
        <field name="OP">EQ</field>
        <value name="A">
          <block type="get_value"

id="*Z%ZyNmnc%9)I71:0X!">
          <field name="ATTR">val</field>
          <field name="OID">kecontact.0.enableUser</field>
        </block>
      </value>
      <value name="B">
        <block type="logic_boolean" id="cnnw47F0twX|

fn#G^K#6">
        <field name="BOOL">FALSE</field>
      </block>
    </value>
  </block>
</value>
<statement name="DO0">
  <block type="comment" id="2}h}cO*d*+MFYpb,DYW">
    <field name="COMMENT">Phasenerkennung</field>
  <next>
    <block type="controls_if"

id="@PrOGkQpZ$tMkgsAi+vK">
    <mutation elseif="2"></mutation>
    <value name="IF0">
      <block type="variables_get"

id="m9fM]c^gGQM[kAdU$^/=">
      <field name="VAR" id="G0jH%YsB9jHq0(=(h!

rH">1P</field>
      </block>
    </value>
  <statement name="DO0">
    <block type="comment"

id="k3sfc9q3,O,Gd^RVGA+I">
    <field name="COMMENT">1P - ausreichend

Power ?</field>
    <next>

```

```

{^IH">
id="3::UJ0gNdTEaay{Bt1sF">minPVPower1P</field>
$#1vay;~/Mnf5my`D">
y@KxUxho4">
0.Zoe.ZoeMinCurrent</field>
1:2ekgpgBbG4+v">
9dZ8*KO?E68u8/">
id="3::UJ0gNdTEaay{Bt1sF">minPVPower1P</field>
id="anpBNR-+@3P@HPFid[M^">
id="7vkM2hOZ_Js.#H}R#fha">
id="3::UJ0gNdTEaay{Bt1sF">minPVPower1P</field>
+n?9bXU!%3NJU~1o">
id="bWYBC:T8rt[YciD@3jdN">
id="3::UJ0gNdTEaay{Bt1sF">minPVPower1P</field>
<block type="variables_set" id="jZ-gue04,!T)^L2}
  <field name="VAR"
    <value name="VALUE">
      <block type="math_arithmetic" id="Pc?
        <field name="OP">DIVIDE</field>
        <value name="A">
          <shadow type="math_number">
            <field name="NUM">1</field>
          </shadow>
          <block type="get_value" id="FxuAyZWs#v-
            <field name="ATTR">val</field>
            <field name="OID">0_userdata.
          </block>
        </value>
        <value name="B">
          <shadow type="math_number" id="@KkLu.
            <field name="NUM">1000</field>
          </shadow>
        </value>
      </block>
    </value>
    <next>
      <block type="variables_set" id="o_]?"
        <field name="VAR"
          <value name="VALUE">
            <block type="math_arithmetic"
              <field name="OP">MULTIPLY</field>
              <value name="A">
                <shadow type="math_number">
                  <field name="NUM">1</field>
                </shadow>
                <block type="variables_get"
                  <field name="VAR"
                    </block>
                  </value>
                  <value name="B">
                    <shadow type="math_number" id="2ml}
                      <field name="NUM">230</field>
                    </shadow>
                  </value>
                </block>
              </value>
              <next>
                <block type="variables_set"
                  <field name="VAR"
                    <value name="VALUE">

```

QEHm6%#y}./6!~}n#l">

Yjw8l^y|/RvV(J">

id="3::UJ0gNdTEaay{Bt1sF">minPVPower1P</field>

id="X;AcyFRRntoLP@%fdQ0?">

[5:58wPczdCsjbKb">

id="x9uZ(qlSC**[N|@#.JUW">

id="A{X8OH,![OoO%=FrI^J2">

id="6%UQ7N@e`/y*%uyVn0H|">

QAg7!(k-T5o_">aktuelleLeistung</field>

id="Tk!1R7G({Rf8u5.X-j#n">

id="3::UJ0gNdTEaay{Bt1sF">minPVPower1P</field>

id="CF*^%jbbEN0~(SWqy8UQ">

O*]@OQqmF`cv4#=N#u">

0.Zoe.Verzögerung</field>

<block type="math_arithmetic" id=":}>

<field name="OP">ADD</field>

<value name="A">

<shadow type="math_number">

<field name="NUM">1</field>

</shadow>

<block type="variables_get" id="kf!1)?

<field name="VAR"

</block>

</value>

<value name="B">

<shadow type="math_number"

<field name="NUM">300</field>

</shadow>

</value>

</block>

</value>

<next>

<block type="controls_if" id="NV*}

<mutation else="1"></mutation>

<value name="IF0">

<block type="logic_operation"

<field name="OP">AND</field>

<value name="A">

<block type="logic_compare"

<field name="OP">GTE</field>

<value name="A">

<block type="variables_get"

<field name="VAR" id=")Ud.XX!!

</block>

</value>

<value name="B">

<block type="variables_get"

<field name="VAR"

</block>

</value>

</block>

</value>

<value name="B">

<block type="logic_compare"

<field name="OP">EQ</field>

<value name="A">

<block type="get_value" id="M!

<field name="ATTR">val</field>

<field name="OID">javascript.

</block>

id="ExA08x+__GtFP^NJEMx9">

field>

id="E((n.._IDUMMJg;?_#@+ ">

1999/xhtml" delay_input="false"></mutation>

0.currentUser</field>

name="WITH_DELAY">FALSE</field>

id="^L{hxdc]qy?avKEAmNn2">

field>

id="u_S^,\$89z![%RFnM}lb">

0.Zoe.ZoeMinCurrent</field>

id="|-wM.Blp3./cG\$RLD?#- ">

field>

id="CkFguZ_k7E3CgU\$6T|iv">

www.w3.org/1999/xhtml" delay_input="false"></mutation>

0.enableUser</field>

name="WITH_DELAY">FALSE</field>

id="KZ[,Zj9-c6)5n2Py#l78">

field>

</value>

<value name="B">

<block type="logic_boolean"

<field name="BOOL">FALSE</

</block>

</value>

</block>

</value>

</block>

</value>

<statement name="DO0">

<block type="control"

<mutation xmlns="http://www.w3.org/

<field name="OID">kecontact.

<field

<value name="VALUE">

<block type="math_arithmetic"

<field name="OP">MULTIPLY</

<value name="A">

<shadow type="math_number">

<field name="NUM">1</field>

</shadow>

<block type="get_value"

<field name="ATTR">val</field>

<field name="OID">0_userdata.

</block>

</value>

<value name="B">

<shadow type="math_number"

<field name="NUM">1000</

</shadow>

</value>

</block>

</value>

<next>

<block type="control"

<mutation xmlns="http://

<field name="OID">kecontact.

<field

<value name="VALUE">

<block type="logic_boolean"

<field name="BOOL">TRUE</

id="h(njJfqh5.!}Z)]D/4(q">

field>

field>

id="OZ#7Zwh=8rB4c%X720pl">

mutation>

sle;l7e6!-_rrV.kp">

1P / aktivieren - Current User (mA): </field>

type="convert_tostring" id="Xjj%FEFe#Ah.]9zCG!hq">

id="n5C-OGnlxk[~]}?`6ne*">

name="ATTR">val</field>

name="OID">kecontact.0.currentUser</field>

31P1[XNFsqh0i^h0">

id="VtArt-0Fv|k9_eB?=K?5">

0.Zoe.Verzögerung</field>

{A)b@*XSFr*NYr\$=RG)">

</block>

</value>

<next>

<block type="debug"

<field name="Severity">log</

<value name="TEXT">

<shadow type="text">

<field name="TEXT">test</

</shadow>

<block type="text_join"

<mutation items="2"></

<value name="ADD0">

<block type="text" id=".p-

<field name="TEXT">PV /

</block>

</value>

<value name="ADD1">

<block

<value name="VALUE">

<block type="get_value"

<field

<field

</block>

</value>

</block>

</value>

</block>

</value>

</block>

</next>

</block>

</next>

</block>

</statement>

<statement name="ELSE">

<block type="controls_if" id="@35}

<mutation else="1"></mutation>

<value name="IF0">

<block type="get_value"

<field name="ATTR">val</field>

<field name="OID">javascript.

</block>

</value>

<statement name="DO0">

<block type="debug" id=")

a#j3A,kHJQFDxN+kRe~">

konnte nicht aktiviert werden, Verzögerung ist aktiv.</field>

id="rL9ocdgD8hm_Dpe7,_GZ">

()8.#6L^tO;nbf">

konnte nicht aktiviert werden</field>

id="rqImWkNFWaro_W7CzU+;">

pu_xD">3P</field>

3JQY">

?</field>

Cah0_7cU9~6Dn;07`X">

Lzll%uWR:s_b{g}">minPVPower3P</field>

mRats0@pq%e]#%\$?\$TE">

f/@/jMHF18dl#">

<field name="Severity">log</field>
<value name="TEXT">
<shadow type="text" id="|

<field name="TEXT">PV / 1P /

</shadow>

</value>

</block>

</statement>

<statement name="ELSE">

<block type="debug"

<field name="Severity">log</field>

<value name="TEXT">

<shadow type="text" id="`{=m+.

<field name="TEXT">PV / 1P /

</shadow>

</value>

</block>

</statement>

</block>

</statement>

</block>

</next>

</block>

</next>

</block>

</next>

</block>

</next>

</block>

</statement>

<value name="IF1">

<block type="variables_get"

<field name="VAR" id="Afx/=yb(0%@DNw|

</block>

</value>

<statement name="DO1">

<block type="comment" id="9qqU@ooO\$QWog/d!

<field name="COMMENT">3P - ausreichen Power

<next>

<block type="variables_set" id="U/

<field name="VAR" id="T0lt/

<value name="VALUE">

<block type="math_arithmetic" id="}

<field name="OP">DIVIDE</field>

<value name="A">

<shadow type="math_number" id="Eu4T.a?

<field name="NUM">1</field>

id="1o96;44Co+jzS55nC}^u">

0.Zoe.ZoeMinCurrent</field>

W.iA.Zw1vplugiU=">

id="#)R,gybuQ/,h?UaG:2Rr">

Lzll%uWR:s_b{g}">minPVPower3P</field>

id="r*.Bc(N{7*5Sp^@]54gm">

id="~jN;c`,?Wu=LIWI/c?ML">

IK.UMXj\$[trH1M]">

Lzll%uWR:s_b{g}">minPVPower3P</field>

id="NVKh.2{;(A{ujZ(b6k}m">

+eSZvTj~~{i3?blimP#">

Lzll%uWR:s_b{g}">minPVPower3P</field>

id="k@DvCV@6:k;]vMawoMSL">

gV8HAoU?oOMbxGg[">

</shadow>

<block type="get_value"

<field name="ATTR">val</field>

<field name="OID">0_userdata.

</block>

</value>

<value name="B">

<shadow type="math_number" id="C`,}

<field name="NUM">1000</field>

</shadow>

</value>

</block>

</value>

<next>

<block type="variables_set"

<field name="VAR" id="T0It/

<value name="VALUE">

<block type="math_arithmetic"

<field name="OP">MULTIPLY</field>

<value name="A">

<shadow type="math_number"

<field name="NUM">1</field>

</shadow>

<block type="variables_get" id="2.d#?

<field name="VAR" id="T0It/

</block>

</value>

<value name="B">

<shadow type="math_number"

<field name="NUM">3</field>

</shadow>

</value>

</block>

</value>

<next>

<block type="variables_set" id="}

<field name="VAR" id="T0It/

<value name="VALUE">

<block type="math_arithmetic"

<field name="OP">MULTIPLY</field>

<value name="A">

<shadow type="math_number">

<field name="NUM">1</field>

</shadow>

<block type="variables_get" id="]`4?

LzIl%uWR:s_b{g}">minPVPower3P</field>

Z*jFz!F47NI3d?{S">

id="VC[[yr),IDU0^OLCx^6c">

LzIl%uWR:s_b{g}">minPVPower3P</field>

id="9(^V^RAov\$J=gpxxt8}m">

id="7N_=rcil?SU1kTWI.7dx">

LzIl%uWR:s_b{g}">minPVPower3P</field>

id=")n7Pb{#.AtG7rLlk,+nA">

id="7);Lhq\$ccr+b~ee1-v4`">

id="(rA7t?o;D9rno1MXyp~">

id="EV1k:Uj23%Yh/0OZd~}5">

id="^7JEtwW3||rIGwZ53Fs(">

id=")Ud.XX!!QAg7!(k-T5o_">aktuelleLeistung</field>

<field name="VAR" id="T0lt/

</block>

</value>

<value name="B">

<shadow type="math_number" id="lh!

<field name="NUM">230</field>

</shadow>

</value>

</block>

</value>

<next>

<block type="variables_set"

<field name="VAR" id="T0lt/

<value name="VALUE">

<block type="math_arithmetic"

<field name="OP">ADD</field>

<value name="A">

<shadow type="math_number">

<field name="NUM">1</field>

</shadow>

<block type="variables_get"

<field name="VAR" id="T0lt/

</block>

</value>

<value name="B">

<shadow type="math_number"

<field name="NUM">500</field>

</shadow>

</value>

</block>

</value>

<next>

<block type="controls_if"

<mutation else="1"></mutation>

<value name="IF0">

<block type="logic_operation"

<field name="OP">AND</field>

<value name="A">

<block type="logic_compare"

<field name="OP">GTE</field>

<value name="A">

<block type="variables_get"

<field name="VAR"

</block>

</value>

<value name="B">

id="X81Ufq2aG874UX?()Y">
LzII%uWR:s_b{g}">minPVPower3P</field>

id="G9x^D)KUqZuBI)i^XbVX">

id="0h@l/|6f,l*Z\$jj77:|9">
field>
0.Zoe.Verzögerung</field>

id="rj*6HVPDHI2uzxUmlT{t">
name="BOOL">FALSE</field>

id="B8Cwxc1hv]wTsu+BeYWD">
www.w3.org/1999/xhtml" delay_input="false"></mutation>
0.currentUser</field>
name="WITH_DELAY">FALSE</field>

id="x2p1TZc,Wq857TOUcM`V">
field>

type="math_number">

#PMMReBr6IF0!BC,zkK">
field>
name="OID">0_userdata.0.Zoe.ZoeMinCurrent</field>

<block type="variables_get"
 <field name="VAR" id="T0lt/
 </block>
 </value>
</block>
</value>
<value name="B">
 <block type="logic_compare"
 <field name="OP">EQ</field>
 <value name="A">
 <block type="get_value"
 <field name="ATTR">val</
 <field name="OID">javascript.
 </block>
 </value>
 <value name="B">
 <block type="logic_boolean"
 <field
 </block>
 </value>
 </block>
 </value>
</block>
</value>
<statement name="DO0">
 <block type="control"
 <mutation xmlns="http://
 <field name="OID">kecontact.
 <field
 <value name="VALUE">
 <block type="math_arithmetic"
 <field name="OP">MULTIPLY</
 <value name="A">
 <shadow
 <field name="NUM">1</field>
 </shadow>
 <block type="get_value" id="/
 <field name="ATTR">val</
 <field
 </block>
 </value>
 <value name="B">

id="O%XxfOPo=^,)fBXqo0rO">

field>

id="^PAb9pS4)b1|eF6qnH,,">

www.w3.org/1999/xhtml" delay_input="false"></mutation>

0.enableUser</field>

name="WITH_DELAY">FALSE</field>

id="/*h\$%4mD2+42lneMFaPh">

field>

id=":VaXS/?92mk-iqi(%_=H">

field>

field>

id="LGHZlZqU-3U#~O2vKf1q">

mutation>

id="/)DV4[-Q#sAw0Z(%eG~0">

3P / aktivieren - Current User (mA): </field>

type="convert_tostring" id="7K\$S}Cjgvmb0KmVx.,.E">

id="q3evf@i(mFcUQssEosn[">

name="ATTR">val</field>

name="OID">kecontact.0.currentUser</field>

<shadow type="math_number"

<field name="NUM">1000</

</shadow>

</value>

</block>

</value>

<next>

<block type="control"

<mutation xmlns="http://

<field name="OID">kecontact.

<field

<value name="VALUE">

<block type="logic_boolean"

<field name="BOOL">TRUE</

</block>

</value>

<next>

<block type="debug"

<field name="Severity">log</

<value name="TEXT">

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<field name="TEXT">test</

</shadow>

<block type="text_join"

<mutation items="2"></

<value name="ADD0">

<block type="text"

<field name="TEXT">PV /

</block>

</value>

<value name="ADD1">

<block

<value name="VALUE">

<block type="get_value"

<field

<field

</block>

</value>

</block>

</value>

</block>

konnte nicht aktiviert werden</field>

```

    </value>
  </block>
</next>
</block>
</next>
</block>
</statement>
<statement name="ELSE">
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    <mutation else="1"></mutation>
    <value name="IF0">
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        <field name="ATTR">val</field>
        <field name="OID">javascript.

      </block>
    </value>
    <statement name="DO0">
      <block type="debug"

        <field name="Severity">log</

      <value name="TEXT">
        <shadow type="text" id=",_}

        <field name="TEXT">PV / 3P /

      </shadow>
    </value>
  </block>
</statement>
<statement name="ELSE">
  <block type="debug"

    <field name="Severity">log</

    <value name="TEXT">
      <shadow type="text"

        <field name="TEXT">PV / 3P /

      </shadow>
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  </block>
</statement>
</block>
</next>
</block>
</next>
</block>
</next>
</block>

```

id="yglc#Xb_rey1Ng9z\$yJD">

y09kc*VJ">

2Sj]bTP.8Z">

rH">1P</field>

v^0wPxU%J">

id="Fhm{5OrM59w@t3Y+m^K)">

pu_xD">3P</field>

id="rbLJXiu\$8wkWzSyd4]3J">

Phase zu erkennen</field>

id=";ksw@Fz]TZzrQ50h44U;">

xhtml" delay_input="false"></mutation>

field>

W;Tf,BiSn3!!?">

id="WZKR`0]jM@[J~Q]K+1FN">

0.Zoe.ZoeMinCurrent</field>

</statement>

<value name="IF2">

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<field name="OP">AND</field>

<value name="A">

<block type="logic_negate" id="jyqW)LMtv%Q/

<value name="BOOL">

<block type="variables_get" id="eAFZt2Y+P,

<field name="VAR" id="G0jH%YsB9jHq0=(h!

</block>

</value>

</block>

</value>

<value name="B">

<block type="logic_negate" id="MZ01b}@0_{/

<value name="BOOL">

<block type="variables_get"

<field name="VAR" id="Afx/=yb(0%@DNw|

</block>

</value>

</block>

</value>

</block>

</value>

<statement name="DO2">

<block type="comment"

<field name="COMMENT">aktivieren um die

<next>

<block type="control"

<mutation xmlns="http://www.w3.org/1999/

<field name="OID">kecontact.0.currentUser</

<field name="WITH_DELAY">FALSE</field>

<value name="VALUE">

<block type="math_arithmetic" id="TA0H^)?

<field name="OP">MULTIPLY</field>

<value name="A">

<shadow type="math_number">

<field name="NUM">1</field>

</shadow>

<block type="get_value"

<field name="ATTR">val</field>

<field name="OID">0_userdata.

</block>

</value>

<value name="B">

id="_AArZgPwmqDi/9+cgHK)">	<shadow type="math_number"
	<field name="NUM">1000</field>
	</shadow>
	</value>
	</block>
	</value>
	<next>
	<block type="control"
id="%uoT,:Us*S@pmM0tyN)%">	<mutation xmlns="http://www.w3.org/1999/
xhtml" delay_input="false"></mutation>	
0.enableUser</field>	<field name="OID">kecontact.
	<field name="WITH_DELAY">FALSE</field>
	<value name="VALUE">
	<block type="logic_boolean"
id="L;AF,@ueHRwMsm}Wmz(?)">	
	<field name="BOOL">TRUE</field>
	</block>
	</value>
	<next>
	<block type="debug"
id="0BT~]69Dyd2Br%gzFh]">	
	<field name="Severity">log</field>
	<value name="TEXT">
	<shadow type="text">
	<field name="TEXT">test</field>
	</shadow>
	<block type="text_join" id="y2Tc^zD+sj*:{
@E[7iaU">	
	<mutation items="2"></mutation>
	<value name="ADD0">
	<block type="text" id="li]6Vm,
7Tk46]P7FQ4x*">	
	<field name="TEXT">PV / ?P /
aktivieren - Current User (mA): </field>	
	</block>
	</value>
	<value name="ADD1">
	<block type="convert_tostring" id="`\$;
+kXw8OAnlySjuSY53">	
	<value name="VALUE">
	<block type="get_value" id="6TP-
os%ziuB*QCd*^(J">	
	<field name="ATTR">val</field>
	<field name="OID">kecontact.
0.currentUser</field>	
	</block>
	</value>
	</block>
	</value>
	</block>
	</value>
	</block>
	</next>
	</block>
	</next>
	</block>
	</next>

	</block> </statement> </block> </next> </block> </statement> <next> <block type="comment" id="S[]o~irJh5z=rEVQy327"> <field name="COMMENT">PV / deaktivieren bei
zuwenig Power</field>	
{9S:ZjuWr">	<next> <block type="controls_if" id="fXf;@@wB6t:
D\$YTg)4e2GO">	<value name="IF0"> <block type="logic_operation" id="69}0%rvk!
nX2y)]Wt">	<field name="OP">AND</field> <value name="A"> <block type="logic_compare" id="A~{3P1007V6
56H9,p}le">	<field name="OP">NEQ</field> <value name="A"> <block type="get_value" id="+X`dE023J.!
0.AMISFronius.PowerFronius</field>	<field name="ATTR">val</field> <field name="OID">0_userdata.
zn=fZBG^l4se;\$OSvvS">	</block> </value> <value name="B"> <block type="math_number" id="-
id="t(9F7o(UbS;~R{T~1uzu">	<field name="NUM">0</field> </block> </value> </block> </value> <value name="B"> <block type="logic_compare"
DkrQC2L;CoGMg.s64B">	<field name="OP">GT</field> <value name="A"> <block type="get_value" id="S/
0.AMISFronius.PowerFronius</field>	<field name="ATTR">val</field> <field name="OID">0_userdata.
id="ymalSSC0Y4k;XCcKvoQ]">	</block> </value> <value name="B"> <block type="get_value"
0.Zoe.ZoeMaxBezug</field>	<field name="ATTR">val</field> <field name="OID">0_userdata.
	</block> </value> </block> </value> </block>

9)nus(J9G@83_f|">

efuCq4dd\$wA#*W2_%h">

E.=en9+`b2H">

x9cq7gJf]8)Z#zC">

{r5.dgkUN1V">

0.currentUser</field>

id="q@ay/BOF.;}AF-MO-//%">

id="5jvH.G)ajoJYzrhUmqn5">

RCKlrY;p04t#MI">

0.Zoe.ZoeMinCurrent</field>

id="W*35_Z-NT68aJ1y}%Sz@">

id="%FTVmY0qnuw7cV*1~AlK">

id="%gogIF0@b+m)-q`-S7dO">

\$wD3I">currentActual</field>

</value>

<statement name="DO0">

<block type="controls_if" id="uE#d/

<value name="IF0">

<block type="logic_operation" id="o}

<field name="OP">AND</field>

<value name="A">

<block type="logic_operation" id="/l9hl9QX|

<field name="OP">AND</field>

<value name="A">

<block type="logic_compare" id="lufA-

<field name="OP">EQ</field>

<value name="A">

<block type="get_value" id="ti]eY!EA}

<field name="ATTR">val</field>

<field name="OID">kecontact.

</block>

</value>

<value name="B">

<block type="math_arithmetic"

<field name="OP">MULTIPLY</field>

<value name="A">

<shadow type="math_number"

<field name="NUM">1</field>

</shadow>

<block type="get_value" id="tMISU/

<field name="ATTR">val</field>

<field name="OID">0_userdata.

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</value>

<value name="B">

<shadow type="math_number"

<field name="NUM">1000</field>

</shadow>

</value>

</block>

</value>

</block>

</value>

<value name="B">

<block type="logic_compare"

<field name="OP">LT</field>

<value name="A">

<block type="variables_get"

<field name="VAR" id="/oZ?jK]RSX]+Fz]

</block>

id="F;Tb+2vcQ[4R2-|\$1ic2">

id="6;8~P[Qn(;_zRa_|7J4`">

id="))#4):mE=X-{xb!!iO/">

id="8=OKwZU~dOfyu{~!*3a9">

Jgk9^A!2B.nk`{+3tB">

0.Zoe.ZoeMinCurrent</field>

id="+g4fR9w6-2P_|iY:}Rkz">

id="=@]Xz0.:Nvdp91G/J-Yg">

id="XYWtiflWa5K!{vG,2#Or">

id="=W#e));vu]N:jzmq#Gc">

0.enableUser</field>

%m1X6#@|rWbl{H">

```
</value>
<value name="B">
  <block type="math_arithmetic"

    <field name="OP">ADD</field>
    <value name="A">
      <shadow type="math_number"

        <field name="NUM">1</field>
      </shadow>
    <block type="math_arithmetic"

      <field name="OP">MULTIPLY</field>
      <value name="A">
        <shadow type="math_number"

          <field name="NUM">1</field>
        </shadow>
      <block type="get_value" id="//

        <field name="ATTR">val</field>
        <field name="OID">0_userdata.

      </block>
    </value>
    <value name="B">
      <shadow type="math_number"

        <field name="NUM">1000</field>
      </shadow>
    </value>
  </block>
</value>
<value name="B">
  <shadow type="math_number"

    <field name="NUM">1000</field>
  </shadow>
</value>
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</value>
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</block>
</value>
</block>
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<value name="B">
  <block type="logic_compare"

    <field name="OP">EQ</field>
    <value name="A">
      <block type="get_value"

        <field name="ATTR">val</field>
        <field name="OID">kecontact.

      </block>
    </value>
    <value name="B">
      <block type="logic_boolean" id="?_KaY%
```

7uXMm@b.qof^q,e0VE">
xhtml" delay_input="false"></mutation>
field>

8W*=z_l1CG|u/T81B">

id="3.00e{E3;/.E%=Nz#.kl">

id="mDM^zK#%:]O\$,kL+JR@(">

p[J,bfoRU-qT">
Grid (W): </field>

id="ndZZkR?Z8kr0fO=[4n/a">

id="{9^C~ND4|||8Mj3!!exK">

0.AMISFronius.PowerFronius</field>

id="E#LEo(MFOI9`ln:P~?3p">
1999/xhtml" delay_input="false"></mutation>

<field name="BOOL">TRUE</field>
</block>
</value>
</block>
</value>
</block>
</value>
<statement name="DO0">
<block type="control" id="U|

<mutation xmlns="http://www.w3.org/1999/

<field name="OID">kecontact.0.enableUser</

<field name="WITH_DELAY">FALSE</field>
<value name="VALUE">
<block type="logic_boolean" id="f9}

<field name="BOOL">FALSE</field>
</block>
</value>
<next>
<block type="debug"

<field name="Severity">log</field>
<value name="TEXT">
<shadow type="text">
<field name="TEXT">test</field>
</shadow>
<block type="text_join"

<mutation items="2"></mutation>
<value name="ADD0">
<block type="text" id="_eL1M~a!

<field name="TEXT">PV / deaktiviert -

</block>
</value>
<value name="ADD1">
<block type="convert_tostring"

<value name="VALUE">
<block type="get_value"

<field name="ATTR">val</field>
<field name="OID">0_userdata.

</block>
</value>
</block>
</value>
</block>
</value>
<next>
<block type="control"

<mutation xmlns="http://www.w3.org/

0.Zoe.Verzögerung</field>	<field name="OID">javascript.
field>	<field name="WITH_DELAY">FALSE</
id="%L#nhk~]z;-;fp7q9Gp(">	<value name="VALUE"> <block type="logic_boolean"
	<field name="BOOL">TRUE</field> </block> </value> <next> <block type="control" id="GQHUm}
Kh5*xI-[jE #`8">	<mutation xmlns="http://www.w3.org/
1999/xhtmll" delay_input="true"></mutation>	<field name="OID">javascript.
0.Zoe.Verzögerung</field>	<field name="WITH_DELAY">TRUE</
field>	<field name="DELAY_MS">5</field> <field name="UNIT">min</field> <field
name="CLEAR_RUNNING">FALSE</field>	<value name="VALUE"> <block type="logic_boolean"
id="AluQTtdPu]hr-@utozT6">	<field name="BOOL">FALSE</field> </block> </value> </block> </next> </block> </next> </block> </next> </block> </statement> </block> </statement> <next> <block type="comment" id="q=ysO@-;{As%:j)
{FgxP">	<field name="COMMENT">----- Regel Ende -----</
field>	<next> <block type="debug" id=" t#MX?
T3-1LSVJM^{pxF">	<field name="Severity">log</field> <value name="TEXT"> <shadow type="text" id="Yv!;`}
(o[7i#+VBPdymX">	<field name="TEXT">--- Regelzyklus PV
beendet ---</field>	</shadow> </value> </block> </next> </block> </next> </block>

```

        </next>
        </block>
        </next>
        </block>
        </next>
        </block>
        </next>
        </block>
        </next>
        </block>
        </next>
        </block>
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        </block>
        </next>
        </block>
        </next>
        </block>
        </next>
        </block>
        </next>
        </block>
        </statement>
        <next>
        <block type="comment" id="FM$c08P%!/q^5n8]ycE`">
        <field name="COMMENT">----- ENDE -----</
field>
        </block>
        </next>
        </block>
        </next>
        </block>
        </next>
        </block>
        </next>
        </block>
        </statement>
        </block>
        </statement>
        </block>
        </next>
        </block>
        </next>
        </block>
        </statement>
        </block>
        <block type="comment" id="tCcVbsP~xUjBp(fpz9sz" x="-887" y="-1187">
        <field name="COMMENT">WR Phasen erkennen</field>
        <next>
        <block type="on_ext" id="M?tdjZ.vE9/#If6AD99x" disabled="true">
        <mutation xmlns="http://www.w3.org/1999/xhtml" items="3"></mutation>
        <field name="CONDITION">ne</field>
        <field name="ACK_CONDITION"></field>
        <value name="OID0">
        <shadow type="field_oid" id="{r0ho[ben]}|MF$HIQa?1">
        <field name="oid">kecontact.0.u1</field>
        </shadow>
        </value>
        <value name="OID1">
        <shadow type="field_oid" id="bNb6oUZN~|H#_yvdO,b}">
        <field name="oid">kecontact.0.u2</field>
        </shadow>
        </value>
        <value name="OID2">
        <shadow type="field_oid" id="fQ7Gv!B)qObFgxW8eVb2">
        <field name="oid">kecontact.0.u3</field>

```

```

</shadow>
</value>
<statement name="STATEMENT">
  <block type="controls_if" id="-X|JH7O`^-ls2y6Cr)UW">
    <mutation elseif="1"></mutation>
    <value name="IF0">
      <block type="logic_operation" id="*!w@KcnT0T66rg~K/Zlk">
        <field name="OP">AND</field>
        <value name="A">
          <block type="logic_operation" id="6B}wnO]6,xq*{AW~RO,k">
            <field name="OP">AND</field>
            <value name="A">
              <block type="logic_compare" id="1Bc;pfcnf6%`^kX5@CNs">
                <field name="OP">GTE</field>
                <value name="A">
                  <block type="get_value" id="0Tx$t9[$+=haZ%Tu~(1g">
                    <field name="ATTR">val</field>
                    <field name="OID">kecontact.0.u1</field>
                  </block>
                </value>
              <value name="B">
                <block type="math_number" id="O;S:tipq]=,KMb=4jAc^">
                  <field name="NUM">200</field>
                </block>
              </value>
            </block>
          </value>
        </block>
      </value>
    <value name="B">
      <block type="logic_operation" id="=HHM3i*7u./Z1D7Yk:R*">
        <field name="OP">AND</field>
        <value name="A">
          <block type="logic_compare" id="1fVb`%gx{C=*_fs7a|F!">
            <field name="OP">LT</field>
            <value name="A">
              <block type="get_value" id="8V-)ZbbHMkRmX#D=[GFZ">
                <field name="ATTR">val</field>
                <field name="OID">kecontact.0.u2</field>
              </block>
            </value>
          <value name="B">
            <block type="math_number" id=":1pHv-%gLtwsg3;%3oi-">
              <field name="NUM">10</field>
            </block>
          </value>
        </block>
      </value>
    <value name="B">
      <block type="logic_compare" id="jF,)oUB12w|`er5*jA^)">
        <field name="OP">LT</field>
        <value name="A">
          <block type="get_value" id="gs1J2,yK4y}Z!)FCY5@_">
            <field name="ATTR">val</field>
            <field name="OID">kecontact.0.u3</field>
          </block>
        </value>
      <value name="B">
        <block type="math_number" id="b!5gYdr#e.*]+YJ?(A;N">
          <field name="NUM">10</field>
        </block>
      </value>
    </block>
  </statement>

```

```

        </block>
      </value>
    </block>
  </value>
</block>
</value>
<value name="B">
  <block type="logic_negate" id="Tf8ODx=Yd*BC@exD]V4G">
    <value name="BOOL">
      <block type="variables_get" id="*jdtWM|2|1h5FI2z;9#I">
        <field name="VAR" id="G0jH%YsB9jHq0(=h!rH">1P</field>
      </block>
    </value>
  </block>
</value>
</block>
</value>
</block>
</value>
<statement name="DO0">
  <block type="comment" id="$n;;|X5!yY1vO*0eNf1Z">
    <field name="COMMENT">1P</field>
  <next>
    <block type="variables_set" id="noyJw6btd!;Kl,(.qvHd">
      <field name="VAR" id="Afx/=yb(0%@DNw|pu_xD">3P</field>
      <value name="VALUE">
        <block type="logic_boolean" id="[-TA+$P=6sK;yiH5._7[">
          <field name="BOOL">FALSE</field>
        </block>
      </value>
    <next>
      <block type="variables_set" id="mx5A,#lq;w7x${^}WO$->
        <field name="VAR" id="G0jH%YsB9jHq0(=h!rH">1P</field>
        <value name="VALUE">
          <block type="logic_boolean" id="wdeyp/oW#XGZ#;m1Nj2c">
            <field name="BOOL">TRUE</field>
          </block>
        </value>
      <next>
        <block type="debug" id="_wLtt21$!|2!y(W8ZUAN">
          <field name="Severity">log</field>
          <value name="TEXT">
            <shadow type="text">
              <field name="TEXT">test</field>
            </shadow>
          <block type="text_join" id="hgP4KmGX%~.s`8Jj`Ync">
            <mutation items="2"></mutation>
            <value name="ADD0">
              <block type="text" id="5Bv])Ni88y?63$.?8_v">
                <field name="TEXT">V1: </field>
              </block>
            </value>
            <value name="ADD1">
              <block type="text_join" id=".O/?dB@)1sYU+^zN1i,P">
                <mutation items="2"></mutation>
                <value name="ADD0">
                  <block type="get_value" id="kRC])Q{M.q+?XaZexV+g">
                    <field name="ATTR">val</field>
                    <field name="OID">kecontact.0.u1</field>
                  </block>
                </value>
                <value name="ADD1">

```

```
<block type="text_join" id="y_u^0j}z]vm-:ogv^2b%">
  <mutation items="2"></mutation>
  <value name="ADD0">
    <block type="text" id="Z]l|aBBSXv9QcrRR|.aS">
      <field name="TEXT">, V2: </field>
    </block>
  </value>
  <value name="ADD1">
    <block type="text_join" id="|k^-l0|0xl+wm.v3,sBW">
      <mutation items="2"></mutation>
      <value name="ADD0">
        <block type="get_value" id="p?8t}aa=y]KX_XvL_DjO">
          <field name="ATTR">val</field>
          <field name="OID">kecontact.0.u2</field>
        </block>
      </value>
      <value name="ADD1">
        <block type="text_join" id="3sy=UOWX=?|[hrj-p? $">
          <mutation items="2"></mutation>
          <value name="ADD0">
            <block type="text" id="#St$rS5rt9!*}glR1_RQ">
              <field name="TEXT">, V3: </field>
            </block>
          </value>
          <value name="ADD1">
            <block type="get_value" id="lkOR6A19k3c[oYyp=rUq">
              <field name="ATTR">val</field>
              <field name="OID">kecontact.0.u3</field>
            </block>
          </value>
        </block>
      </value>
    </block>
  </value>
</block>
</value>
</block>
</value>
</block>
</value>
</block>
</value>
</block>
</value>
</block>
</value>
</block>
</value>
</block>
</next>
</block>
</next>
</block>
</next>
</block>
</statement>
<value name="IF1">
  <block type="logic_operation" id="QM1Ul=cnK4obO9@+hIRF">
    <field name="OP">AND</field>
    <value name="A">
      <block type="logic_operation" id="N$@wQnc2]?QUWC@BE^C">
        <field name="OP">AND</field>
        <value name="A">
          <block type="logic_compare" id="ABp*fK^~iVpCQ1YX^FO`">
            <field name="OP">GTE</field>
            <value name="A">
              <block type="get_value" id="T7Cz%32k=|QibG=d3U{">
                <field name="ATTR">val</field>
              </block>
            </value>
          </block>
        </value>
      </block>
    </value>
  </block>
</value>
</statement>
```

```
<field name="OID">kecontact.0.u1</field>
</block>
</value>
<value name="B">
  <block type="math_number" id="(vxigPO_f3E?OdVS]D:6">
    <field name="NUM">200</field>
  </block>
</value>
</block>
</value>
<value name="B">
  <block type="logic_operation" id="nGb6dnoy_hm`,#q(Np4@">
    <field name="OP">AND</field>
    <value name="A">
      <block type="logic_compare" id="}aA%0n+[uh,$;@fd.6TQ">
        <field name="OP">GTE</field>
        <value name="A">
          <block type="get_value" id="eb7#E)a{BU]4ycP]_/w7">
            <field name="ATTR">val</field>
            <field name="OID">kecontact.0.u2</field>
          </block>
        </value>
      </block>
    </value>
  </block>
</value>
<value name="B">
  <block type="math_number" id="?6HIUr_/j$ux_SkKtf=l">
    <field name="NUM">200</field>
  </block>
</value>
</block>
</value>
<value name="B">
  <block type="logic_compare" id="rDs$aY[LQKPN0A?58Wtn">
    <field name="OP">GTE</field>
    <value name="A">
      <block type="get_value" id="N7?JaYZ-/M1%lnG`1X-l">
        <field name="ATTR">val</field>
        <field name="OID">kecontact.0.u3</field>
      </block>
    </value>
  </block>
</value>
<value name="B">
  <block type="math_number" id="3t@:=7nJbSX#BdV-mh4o">
    <field name="NUM">200</field>
  </block>
</value>
</block>
</value>
</block>
</value>
</block>
</value>
<value name="B">
  <block type="logic_negate" id="=KQpU0N?S(0A|@/(d^L">
    <value name="BOOL">
      <block type="variables_get" id="J=DtQ)ZH0$:+klz?X+}b">
        <field name="VAR" id="Afx/=yb(0%@DNw|pu_xD">3P</field>
      </block>
    </value>
  </block>
</value>
</block>
</value>
</block>
</value>
```

```

<statement name="DO1">
  <block type="comment" id="Bb]m.=7G*DEP)AD.uZpb">
    <field name="COMMENT">3P</field>
  </block>
  <next>
    <block type="variables_set" id="q25T2E.!!Wlac3stH^4">
      <field name="VAR" id="G0jH%YsB9jHq0(=(h!rH">1P</field>
      <value name="VALUE">
        <block type="logic_boolean" id="!iM@Z6ie(P^ba4MBwEu;">
          <field name="BOOL">FALSE</field>
        </block>
      </value>
    </block>
    <next>
      <block type="variables_set" id="f]s+rfDdJh-/DYv@}pys">
        <field name="VAR" id="Afx/=yb(0%@DNw|pu_xD">3P</field>
        <value name="VALUE">
          <block type="logic_boolean" id="-^VVsq6L,DR`V];P.nvn">
            <field name="BOOL">TRUE</field>
          </block>
        </value>
      </block>
      <next>
        <block type="debug" id=",@_iaH/K$e:G*s2oO@iw">
          <field name="Severity">log</field>
          <value name="TEXT">
            <shadow type="text">
              <field name="TEXT">test</field>
            </shadow>
          </value>
          <block type="text_join" id="jv(RQOafE-@ny]KO-Cd4">
            <mutation items="2"></mutation>
            <value name="ADD0">
              <block type="text" id="cUra|J-by|FV6/Q8_%|8">
                <field name="TEXT">V1: </field>
              </block>
            </value>
            <value name="ADD1">
              <block type="text_join" id="ure3p$ubnrm@Z{603}7~">
                <mutation items="2"></mutation>
                <value name="ADD0">
                  <block type="get_value" id="D,?TUyl2q#ailOPf#gTk">
                    <field name="ATTR">val</field>
                    <field name="OID">kecontact.0.u1</field>
                  </block>
                </value>
                <value name="ADD1">
                  <block type="text_join" id="N+LILw`dc+|~.y4e/HC{">
                    <mutation items="2"></mutation>
                    <value name="ADD0">
                      <block type="text" id="6B3cUZXzrSGKaXG]pQQ6">
                        <field name="TEXT">V2: </field>
                      </block>
                    </value>
                    <value name="ADD1">
                      <block type="text_join" id="ZsAhYBJtae%[+z6fM!0$">
                        <mutation items="2"></mutation>
                        <value name="ADD0">
                          <block type="get_value" id="=p6T*qbS$IHVGrJ1T+|+ ">
                            <field name="ATTR">val</field>
                            <field name="OID">kecontact.0.u2</field>
                          </block>
                        </value>
                        <value name="ADD1">

```

```

<block type="text_join" id="054h%Y%uuzTJ/.FC%b}^">
  <mutation items="2"></mutation>
  <value name="ADD0">
    <block type="text" id="zXN;Y=a,oR+-Npf^f[J$">
      <field name="TEXT">, V3: </field>
    </block>
  </value>
  <value name="ADD1">
    <block type="get_value" id="4{3PBldF.H]7wYS:*dZ@">
      <field name="ATTR">val</field>
      <field name="OID">kecontact.0.u3</field>
    </block>
  </value>
</block>
</value>
</block>
</value>
</block>
</value>
</block>
</value>
</block>
</value>
</block>
</value>
</block>
</value>
</block>
</next>
</block>
</next>
</block>
</next>
</block>
</statement>
<next>
  <block type="control" id="u3EFPzLg^2]TzMS1?iZ|">
    <mutation xmlns="http://www.w3.org/1999/xhtml" delay_input="false"></mutation>
    <field name="OID">javascript.0.Zoe.1P</field>
    <field name="WITH_DELAY">FALSE</field>
    <value name="VALUE">
      <block type="variables_get" id=")K+kY6XhoXTLS(#;G7f[">
        <field name="VAR" id="G0jH%YsB9jHq0=(h!rH">1P</field>
      </block>
    </value>
  </next>
  <block type="control" id="K0qNeHj;J5V))8@pK7my">
    <mutation xmlns="http://www.w3.org/1999/xhtml" delay_input="false"></mutation>
    <field name="OID">javascript.0.Zoe.3P</field>
    <field name="WITH_DELAY">FALSE</field>
    <value name="VALUE">
      <block type="variables_get" id=":eu4#]hCL00qT:E),g/W">
        <field name="VAR" id="Afx/=yb(0%@DNw|pu_xD">3P</field>
      </block>
    </value>
  </block>
</next>
</block>
</next>
</block>
</statement>
<next>
  <block type="comment" id="Fq)+QO.h7`3GG6UFVHJR">
    <field name="COMMENT">Charge Level</field>
  </block>
</next>

```

```

<next>
<block type="on_ext" id="H}?kcUN=[X9c^4U~_nQ" disabled="true">
  <mutation xmlns="http://www.w3.org/1999/xhtml" items="3"></mutation>
  <field name="CONDITION">ne</field>
  <field name="ACK_CONDITION"></field>
  <value name="OID0">
    <shadow type="field_oid" id="Y|V9hn{S=nakJrU%`V#X">
      <field name="oid">0_userdata.0.Zoe.ProzentLadung</field>
    </shadow>
  </value>
  <value name="OID1">
    <shadow type="field_oid" id="H`74?qD3t(r(~gG1Fc5z">
      <field name="oid">zoe2.0.VF1AG000966808321.charge_level</field>
    </shadow>
  </value>
  <value name="OID2">
    <shadow type="field_oid" id="85[^Ug9[XCS2SE(4*r$">
      <field name="oid">0_userdata.0.AMIS.Power</field>
    </shadow>
  </value>
  <statement name="STATEMENT">
    <block type="comment" id="VqKP8}Up6b*C63Fj+r/8">
      <field name="COMMENT">Min/Max Begrenzung</field>
    <next>
      <block type="control" id="?6K]-FwF_A{iJjTi#fUy">
        <mutation xmlns="http://www.w3.org/1999/xhtml" delay_input="false"></
mutation>
        <field name="OID">0_userdata.0.Zoe.ZoeMaxCurrent</field>
        <field name="WITH_DELAY">FALSE</field>
        <value name="VALUE">
          <block type="math_constrain" id=":F6TO(e_2pc01M3IN2mT">
            <value name="VALUE">
              <shadow type="math_number">
                <field name="NUM">50</field>
              </shadow>
              <block type="get_value" id="hoQIA8JBefUy|q6v%`z(">
                <field name="ATTR">val</field>
                <field name="OID">0_userdata.0.Zoe.ZoeMaxCurrent</field>
              </block>
            </value>
            <value name="LOW">
              <shadow type="math_number" id="hC8+jtc3XOE$_5bM:p$5">
                <field name="NUM">6</field>
              </shadow>
              <block type="get_value" id="V+l4fnK(f$|DRckpNwAz">
                <field name="ATTR">val</field>
                <field name="OID">0_userdata.0.Zoe.ZoeMinCurrent</field>
              </block>
            </value>
            <value name="HIGH">
              <shadow type="math_number" id="Ix^YGoPG14qf18ljj*UD">
                <field name="NUM">32</field>
              </shadow>
            </value>
          </block>
        </value>
        <next>
          <block type="control" id="IMSn`Wy;gpsAn)/zjMsL">
            <mutation xmlns="http://www.w3.org/1999/xhtml" delay_input="false"></

```

mutation>

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<field name="OID">0_userdata.0.Zoe.ZoeMinCurrent</field>
<field name="WITH_DELAY">FALSE</field>
<value name="VALUE">
  <block type="math_constrain" id="|+xP;f?|+wa;u/ngz2VV">
    <value name="VALUE">
      <shadow type="math_number" id="lGfA.5_BzhVDJ=rM-VAG">
        <field name="NUM">50</field>
      </shadow>
      <block type="get_value" id="/Leod.P8BE@bZJ4=8,jd">
        <field name="ATTR">val</field>
        <field name="OID">0_userdata.0.Zoe.ZoeMinCurrent</field>
      </block>
    </value>
    <value name="LOW">
      <shadow type="math_number" id="jN+Qgde}{z9@TjtM22Bd">
        <field name="NUM">6</field>
      </shadow>
    </value>
    <value name="HIGH">
      <shadow type="math_number" id="dKA[d2b2=KCU-QPO46wh">
        <field name="NUM">100</field>
      </shadow>
      <block type="get_value" id="8tgDQMK|-PNuh+@hE/%o">
        <field name="ATTR">val</field>
        <field name="OID">0_userdata.0.Zoe.ZoeMaxCurrent</field>
      </block>
    </value>
  </block>
</value>
<next>
  <block type="control" id="56)bZ[w^~fgBqvo6|q=3">
    <mutation xmlns="http://www.w3.org/1999/xhtml" delay_input="false"></
mutation>

    <field name="OID">javascript.0.Zoe.maximaleÄnderungStrom</field>
    <field name="WITH_DELAY">FALSE</field>
    <value name="VALUE">
      <block type="math_constrain" id="1)s)J[Yyl%ykkUKtA=1f">
        <value name="VALUE">
          <shadow type="math_number">
            <field name="NUM">50</field>
          </shadow>
          <block type="get_value" id="gXSL4`N`La3mp@{NQ-d2">
            <field name="ATTR">val</field>
            <field name="OID">javascript.0.Zoe.maximaleÄnderungStrom</field>
          </block>
        </value>
        <value name="LOW">
          <shadow type="math_number" id="9yo+ZwGG/Mi#g8?QM_d:">
            <field name="NUM">50</field>
          </shadow>
        </value>
        <value name="HIGH">
          <shadow type="math_number" id="l|8*?GVTs(OlmHfk5gw:">
            <field name="NUM">10000</field>
          </shadow>
        </value>
      </block>
    </value>
  </next>
  <block type="comment" id="cW]x1QCar6!X^NJo^L:">

```

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<field name="COMMENT">Charge Level aktualisiert</field>
<next>
<block type="controls_if" id=")b[aQNdRq%F*RIF5|hX?">
  <mutation else="1"></mutation>
  <value name="IF0">
    <block type="logic_operation" id="Xl7By,34]qvSi5v;6S}}">
      <field name="OP">AND</field>
      <value name="A">
        <block type="logic_compare" id="$. /J;5O|pfp0.[#Y{040">
          <field name="OP">NEQ</field>
          <value name="A">
            <block type="get_value" id="oTbSt]-khiumy^`/SI-4">
              <field name="ATTR">val</field>
              <field name="OID">0_userdata.0.Zoe.ProzentLadung</field>
            </block>
          </value>
        </block>
      </value>
      <value name="B">
        <block type="math_number" id="pLcOWd@[KQcwu4b):.y">
          <field name="NUM">0</field>
        </block>
      </value>
    </block>
  </value>
  <value name="B">
    <block type="logic_compare" id="##k%.q5?y3t]Wr)GW@F}">
      <field name="OP">NEQ</field>
      <value name="A">
        <block type="get_value" id="_Fv9^JUdGzXZQCEbHM+I">
          <field name="ATTR">val</field>
          <field name="OID">zoe2.0.VF1AG000966808321.charge_level</
field>
        </block>
      </value>
      <value name="B">
        <block type="math_number" id="U-JvinpjlzA8U4`q_(W:">
          <field name="NUM">0</field>
        </block>
      </value>
    </block>
  </value>
</block>
</value>
<statement name="DO0">
  <block type="comment" id="9aUv!YY1zEFO]f5!RfIZ">
    <field name="COMMENT">Level erreicht</field>
  <next>
    <block type="control" id="ZYdTJm[XdZh+It7s_NHE">
      <mutation xmlns="http://www.w3.org/1999/xhtml">
delay_input="false"></mutation>
      <field name="OID">javascript.0.Zoe.ZielladungErreicht</field>
      <field name="WITH_DELAY">FALSE</field>
      <value name="VALUE">
        <block type="logic_compare" id="i4f[6[=|`$P7wv;,uDBC">
          <field name="OP">GTE</field>
          <value name="A">
            <block type="get_value" id="h5?RF[FhU[:Y/mz{B46O">
              <field name="ATTR">val</field>
              <field
name="OID">zoe2.0.VF1AG000966808321.charge_level</field>
            </block>
          </value>
        </block>
      </value>
    </block>
  </next>
</statement>

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        </value>
        <value name="B">
          <block type="get_value" id="ty*@untX%hGCLsq-*: {X">
            <field name="ATTR">val</field>
            <field name="OID">0_userdata.0.Zoe.ProzentLadung</field>
          </block>
        </value>
      </block>
    </value>
  </block>
</next>
</block>
</statement>
<statement name="ELSE">
  <block type="comment" id="Bn08DzdK{v*6AHsX#H:X">
    <field name="COMMENT">nicht erreicht</field>
  <next>
    <block type="control" id="eU}~83cE-{4Tl,aH#iLA">
      <mutation xmlns="http://www.w3.org/1999/xhtml"
delay_input="false"></mutation>
      <field name="OID">javascript.0.Zoe.ZielladungErreicht</field>
      <field name="WITH_DELAY">FALSE</field>
      <value name="VALUE">
        <block type="logic_boolean" id="?F,n|9ob.?]0;mg:#b8W">
          <field name="BOOL">FALSE</field>
        </block>
      </value>
    </block>
  </next>
</block>
</statement>
<next>
  <block type="comment" id="4SrlB#1hg/xj8GOeOFVH">
    <field name="COMMENT">Charge Level erreicht</field>
  <next>
    <block type="controls_if" id="01bCf0_WcKWSWqzkAvs)">
      <value name="IF0">
        <block type="logic_operation" id="AVBw9qZ*gdp0[Kv^Bg]]">
          <field name="OP">AND</field>
          <value name="A">
            <block type="get_value" id="kab:}d4ARQl72m(d0ii%">
              <field name="ATTR">val</field>
              <field name="OID">javascript.0.Zoe.ZielladungErreicht</field>
            </block>
          </value>
          <value name="B">
            <block type="logic_operation" id="pS8`8XUk.sa35)k40yAw">
              <field name="OP">OR</field>
              <value name="A">
                <block type="get_value" id="fB+^A;uk0A4)Qp^gS1Fe">
                  <field name="ATTR">val</field>
                  <field name="OID">kecontact.0.enableUser</field>
                </block>
              </value>
              <value name="B">
                <block type="get_value" id="kM[bkx3iDs[Xx0W{z73_">
                  <field name="ATTR">val</field>
                  <field name="OID">javascript.0.Zoe.PVRegelungAktiv</
field>
                </block>
              </value>
            </block>
          </value>
        </block>
      </value>
    </block>
  </next>
</statement>

```

```

        </value>
      </block>
    </value>
  </block>
</value>
<statement name="DO0">
  <block type="update" id="AJW,S2abuukb+;r(J0^8">
    <mutation xmlns="http://www.w3.org/1999/xhtml"
delay_input="false"></mutation>
    <field name="OID">kecontact.0.currentUser</field>
    <field name="WITH_DELAY">FALSE</field>
    <value name="VALUE">
      <block type="math_arithmetic" id=":~RLI:$*9bo_S[_xadH3">
        <field name="OP">MULTIPLY</field>
        <value name="A">
          <shadow type="math_number" id="IAJWB_2uLF_^7Es(lv|s">
            <field name="NUM">1</field>
          </shadow>
          <block type="get_value" id="LbGjV7QksCj;kvRGTa-E">
            <field name="ATTR">val</field>
            <field name="OID">0_userdata.0.Zoe.ZoeMinCurrent</
field>
          </block>
        </value>
        <value name="B">
          <shadow type="math_number" id="N[L!6s#a]YavO{3(U_3p">
            <field name="NUM">1000</field>
          </shadow>
        </value>
      </block>
    </value>
    <next>
      <block type="control" id="Vbi[9!TS?NWOE;Qq3!?X">
        <mutation xmlns="http://www.w3.org/1999/xhtml"
delay_input="false"></mutation>
        <field name="OID">kecontact.0.enableUser</field>
        <field name="WITH_DELAY">FALSE</field>
        <value name="VALUE">
          <block type="logic_boolean" id="#Gx?]whf4n%{F4Qyh!(Q">
            <field name="BOOL">FALSE</field>
          </block>
        </value>
        <next>
          <block type="control" id="o{Ey~#PTG2*PeB`1.m#I">
            <mutation xmlns="http://www.w3.org/1999/xhtml"
delay_input="false"></mutation>
            <field name="OID">javascript.0.Zoe.PVRegelungAktiv</
field>
            <field name="WITH_DELAY">FALSE</field>
            <value name="VALUE">
              <block type="logic_boolean" id="er{Vv]7GE?4*)A_-|vnX">
                <field name="BOOL">FALSE</field>
              </block>
            </value>
            <next>
              <block type="schedule_clear"
id="|,mVTO5FEL_DK$i9B.qR">
                <field name="NAME">Regelzyklus</field>
                <next>
                  <block type="debug" id=":!xcLU=}mg,,`?1y-`W/">

```

[illegible]

```

        </next>
      </block>
    </next>
  </block>
</next>
</block>
</statement>
<next>
  <block type="on" id="/rMs.~Qz%q6l(!8`8.)" disabled="true">
    <field name="OID">javascript.0.Zoe.ZielladungErreicht</field>
    <field name="CONDITION">ne</field>
    <field name="ACK_CONDITION"></field>
    <statement name="STATEMENT">
      <block type="debug" id="oi0w]qOhZQ(V_dyaRSqH">
        <field name="Severity">log</field>
        <value name="TEXT">
          <shadow type="text" id="PNSqdkLV;}VYyMe9!E5R">
            <field name="TEXT">--- Zielladung erreicht</field>
          </shadow>
          <block type="text_join" id="0ckRp[O*Mj]quE1IRK97">
            <mutation items="2"></mutation>
            <value name="ADD0">
              <block type="text" id="]^n]n!6XC/(%)H!7W4I5A">
                <field name="TEXT">--- Zielladung erreicht: </field>
              </block>
            </value>
            <value name="ADD1">
              <block type="text_join" id="|ZCVTTTB|`K::XiB3Wa%">
                <mutation items="2"></mutation>
                <value name="ADD0">
                  <block type="convert_tostring" id="C^PEi,Rc`dLF;MGQw`Qs">
                    <value name="VALUE">
                      <block type="get_value" id="vi+wE6|`a;2?2Sy),YrQ">
                        <field name="ATTR">val</field>
                        <field name="OID">zoe2.0.VF1AG000966808321.charge_level</field>
                      </block>
                    </value>
                  </block>
                </value>
                <value name="ADD1">
                  <block type="text" id="suUE;_Jr{zdCKDm`A.N+">
                    <field name="TEXT">%</field>
                  </block>
                </value>
              </block>
            </value>
          </block>
        </value>
      </block>
    </statement>
  <next>
    <block type="comment" id="4qA?5aFOyGS+11O?0JWi">
      <field name="COMMENT">START / STOP</field>
    <next>
      <block type="on_ext" id="TO)`tx6hCXV_!;XVK!$[" disabled="true">
        <mutation xmlns="http://www.w3.org/1999/xhtml" items="5"></mutation>
        <field name="CONDITION">ne</field>
        <field name="ACK_CONDITION"></field>
        <value name="OID0">
          <shadow type="field_oid" id="sM8wMz!9OO8jb%RusLI-">

```

```

    <field name="oid">0_userdata.0.Zoe.ZoeStateLadung</field>
  </shadow>
</value>
<value name="OID1">
  <shadow type="field_oid" id="P0!l7M3lC$xVY(Xo[oVc">
    <field name="oid">0_userdata.0.Zoe.ProzentLadung</field>
  </shadow>
</value>
<value name="OID2">
  <shadow type="field_oid" id="KD$l3ldL6Kg9qq)T/5!n">
    <field name="oid">kecontact.0.plug</field>
  </shadow>
</value>
<value name="OID3">
  <shadow type="field_oid" id="#:n$qrtaGc^*p#GNDWo(">
    <field name="oid">javascript.0.Zoe.ZielladungErreicht</field>
  </shadow>
</value>
<value name="OID4">
  <shadow type="field_oid" id="i_^}}lMe?ax9,5vsHAPq">
    <field name="oid">zoe2.0.VF1AG000966808321.charge_level</field>
  </shadow>
</value>
<statement name="STATEMENT">
  <block type="controls_if" id="zHSQG0xv,p%zP9T7}#AE">
    <mutation else="1"></mutation>
    <value name="IF0">
      <block type="logic_operation" id="Oy{(f0p!B2xna,M)j,nK">
        <field name="OP">AND</field>
        <value name="A">
          <block type="logic_compare" id="^xRU{Fc@[lD)WK,, $ps(">
            <field name="OP">EQ</field>
            <value name="A">
              <block type="get_value" id="#.5EOtnJ_Ny8CM3id6W0">
                <field name="ATTR">val</field>
                <field name="OID">kecontact.0.plug</field>
              </block>
            </value>
          <value name="B">
            <block type="math_number" id="IB*#:az~+Z:]WT@l6Z`">
              <field name="NUM">7</field>
            </block>
          </value>
        </block>
      </value>
    </block>
    <value name="B">
      <block type="logic_negate" id="4R$UH;Vm;q5ScNC1zfyG">
        <value name="BOOL">
          <block type="get_value" id="=0Es._d,1~;?{5`-dyW?">
            <field name="ATTR">val</field>
            <field name="OID">javascript.0.Zoe.EmergencyStop</field>
          </block>
        </value>
      </block>
    </value>
  </block>
</statement>
<statement name="DO0">
  <block type="controls_if" id="~|q=qixMfQ41T+dnS!l">
    <mutation elseif="1"></mutation>

```

```

<value name="IF0">
  <block type="logic_operation" id=":v)PIj0^-3RBVLdu*mH{">
    <field name="OP">AND</field>
    <value name="A">
      <block type="logic_compare" id="vF5QPz,sbu)MRfrmgLMk">
        <field name="OP">EQ</field>
        <value name="A">
          <block type="get_value" id="Ekh,8XtyM#jw1LZJPi;9">
            <field name="ATTR">val</field>
            <field name="OID">0_userdata.0.Zoe.ZoeStateLadung</field>
          </block>
        </value>
      <value name="B">
        <block type="math_number" id="%G+ygTdrokUT_Cj5rW8n">
          <field name="NUM">0</field>
        </block>
      </value>
    </block>
  </value>
  <value name="B">
    <block type="logic_operation" id="DGDr3_}:{,=kufbb3xlf">
      <field name="OP">OR</field>
      <value name="A">
        <block type="get_value" id="343!=TIONjpfZTfZL~]">
          <field name="ATTR">val</field>
          <field name="OID">kecontact.0.enableUser</field>
        </block>
      </value>
      <value name="B">
        <block type="get_value" id="4@?J^T;ncT*Pf.}Y{llw">
          <field name="ATTR">val</field>
          <field name="OID">javascript.0.Zoe.PVRegelungAktiv</field>
        </block>
      </value>
    </block>
  </value>
</block>
</value>
</block>
</value>
<statement name="DO0">
  <block type="comment" id="JLohKjX8XYbHvY0}KG{J">
    <field name="COMMENT">stoppen</field>
  </next>
  <block type="update" id="VD]p(k77slzSqT]e0Yxm">
    <mutation xmlns="http://www.w3.org/1999/xhtml">
      <field name="OID">kecontact.0.currentUser</field>
      <field name="WITH_DELAY">FALSE</field>
      <value name="VALUE">
        <block type="math_arithmetic" id="vIGnH8,g154GM?%tmUnP">
          <field name="OP">MULTIPLY</field>
          <value name="A">
            <shadow type="math_number">
              <field name="NUM">1</field>
            </shadow>
            <block type="get_value" id="2.@]ID=|!$]b(BM^6]8K">
              <field name="ATTR">val</field>
              <field name="OID">0_userdata.0.Zoe.ZoeMinCurrent</field>
            </block>
          </value>
          <value name="B">

```

delay_input="false"></mutation>

```

        <shadow type="math_number" id="bA*]Am[/Mh;M9o,@_Uwr">
        <field name="NUM">1000</field>
        </shadow>
        </value>
        </block>
        </value>
        <next>
        <block type="control" id="%LEoFA}G@-?l4^${e}~">
        <mutation xmlns="http://www.w3.org/1999/xhtml">
delay_input="false"></mutation>
        <field name="OID">kecontact.0.enableUser</field>
        <field name="WITH_DELAY">FALSE</field>
        <value name="VALUE">
        <block type="logic_boolean" id="OI/@_hRA74oXg~5yW4ny">
        <field name="BOOL">FALSE</field>
        </block>
        </value>
        <next>
        <block type="control" id="wYD3B71my1U/{lAr8[-6">
        <mutation xmlns="http://www.w3.org/1999/xhtml">
delay_input="false"></mutation>
        <field name="OID">javascript.0.Zoe.PVRegelungAktiv</field>
        <field name="WITH_DELAY">FALSE</field>
        <value name="VALUE">
        <block type="logic_boolean" id="{u:UxPQ!G=YmceoFE+}?">
        <field name="BOOL">FALSE</field>
        </block>
        </value>
        <next>
        <block type="schedule_clear" id="/ZDWyQ||EPb?w)$M{I?~">
        <field name="NAME">Regelzyklus</field>
        <next>
        <block type="debug" id="5!R)j*`w9Y-5^wOY=Mv{">
        <field name="Severity">log</field>
        <value name="TEXT">
        <shadow type="text" id="x$HpoL!T$IO%*4#d`[7.">
        <field name="TEXT">---&gt; Ladung manuell gestoppt -
OFF</field>
        </shadow>
        </value>
        </block>
        </next>
        </block>
        </next>
        </block>
        </next>
        </block>
        </next>
        </block>
        </next>
        </block>
        </next>
        </block>
        </statement>
        <value name="IF1">
        <block type="logic_negate" id="pj*)KTe?rr(l98~Gd;GK">
        <value name="BOOL">
        <block type="get_value" id="1O5#8Bmy8wR;):!s@q^q">
        <field name="ATTR">val</field>
        <field name="OID">javascript.0.Zoe.ZielladungErreicht</field>
        </block>
        </value>

```

```

    </block>
  </value>
  <statement name="DO1">
    <block type="comment" id="@q%J_F;dqvj2+zi9ldQW">
      <field name="COMMENT">Charge Level nicht erreicht</field>
    <next>
      <block type="controls_if" id="p54A,BSZgP1`~*9!:(K?">
        <mutation elseif="2"></mutation>
        <value name="IF0">
          <block type="logic_operation" id="p3zn32G~O`L7KNgHP1cg">
            <field name="OP">AND</field>
            <value name="A">
              <block type="logic_compare" id="x9R]-YH9ST]q(BK`7t^u">
                <field name="OP">EQ</field>
                <value name="A">
                  <block type="get_value" id="$_T/0B$Uw9);wMddP=V1">
                    <field name="ATTR">val</field>
                    <field name="OID">0_userdata.0.Zoe.ZoeStateLadung</field>
                  </block>
                </value>
                <value name="B">
                  <block type="math_number" id="%to76PEF,Q_%uJDMTEC9">
                    <field name="NUM">1</field>
                  </block>
                </value>
              </block>
            </value>
          </block>
        </value>
        <value name="B">
          <block type="logic_compare" id="Tz#p`NqWR)x],Y^6U=_a">
            <field name="OP">EQ</field>
            <value name="A">
              <block type="get_value" id="vLrR@Tl=-|aBX5?kf(%U">
                <field name="ATTR">val</field>
                <field name="OID">kecontact.0.enableUser</field>
              </block>
            </value>
            <value name="B">
              <block type="logic_boolean" id="shBH{xa#tg|#TT1lsf#{#">
                <field name="BOOL">FALSE</field>
              </block>
            </value>
          </block>
        </value>
      </block>
    </value>
  </block>
  </value>
  <statement name="DO0">
    <block type="comment" id="jU@A}wl3wT.P/uaOE!T-">
      <field name="COMMENT">starten - Max</field>
    <next>
      <block type="control" id=":Dto2x@NRTRM;FQJSb7A">
        <mutation xmlns="http://www.w3.org/1999/xhtml">
          delay_input="false"></mutation>
          <field name="OID">kecontact.0.currentUser</field>
          <field name="WITH_DELAY">FALSE</field>
          <value name="VALUE">
            <block type="math_arithmetic" id="zSbnC3O3bd-}@kL)UM+s">
              <field name="OP">MULTIPLY</field>
              <value name="A">
                <shadow type="math_number" id="=$U=|lOk`%

```

```

        <field name="NUM">1</field>
    </shadow>
    <block type="get_value" id="I~HER|DuxqF2*n`ko3vS">
        <field name="ATTR">val</field>
        <field name="OID">0_userdata.0.Zoe.ZoeMaxCurrent</
field>

    </block>
    </value>
    <value name="B">
        <shadow type="math_number" id="uYA]?s`q:xwGl3A)v.R">
            <field name="NUM">1000</field>
        </shadow>
    </value>
    </block>
    </value>
    <next>
    <block type="control" id="XF|2aHj!)+WLM,SKXY+">
        <mutation xmlns="http://www.w3.org/1999/xhtml">
delay_input="false"></mutation>
        <field name="OID">kecontact.0.enableUser</field>
        <field name="WITH_DELAY">FALSE</field>
        <value name="VALUE">
            <block type="logic_boolean" id=")SO)V=@}{3?21`iT-@7G">
                <field name="BOOL">TRUE</field>
            </block>
        </value>
        <next>
            <block type="debug" id="Gw5uD_#-j(FWUhn@8GTD">
                <field name="Severity">log</field>
                <value name="TEXT">
                    <shadow type="text" id="R?!MIU=XJN2FGK2dM$oj">
                        <field name="TEXT">---&gt; Ladung gestartet (ON -
maxCurrent)</field>
                    </shadow>
                </value>
            </block>
        </next>
    </block>
    </next>
    </block>
    </next>
    </block>
    </next>
    </block>
    </statement>
    <value name="IF1">
        <block type="logic_operation" id=";-]lIg0E+bDDrDcXA0=">
            <field name="OP">AND</field>
            <value name="A">
                <block type="logic_compare" id="*DHh2NQ3+Oo=U-oH1)z|">
                    <field name="OP">EQ</field>
                    <value name="A">
                        <block type="get_value" id="BIlWp]^WnRbJki|6l6]c">
                            <field name="ATTR">val</field>
                            <field name="OID">0_userdata.0.Zoe.ZoeStateLadung</field>
                        </block>
                    </value>
                <value name="B">
                    <block type="math_number" id="_G-fZtnk2}sT/zqAbr1`">
                        <field name="NUM">2</field>
                    </block>
                </value>

```

```

    </block>
  </value>
  <value name="B">
    <block type="logic_compare" id="u=TY3N_+rWwm-QZRyKkV">
      <field name="OP">EQ</field>
      <value name="A">
        <block type="get_value" id="hA)bbk;g8,OSm83*~bD[">
          <field name="ATTR">val</field>
          <field name="OID">javascript.0.Zoe.PVRegelungAktiv</field>
        </block>
      </value>
      <value name="B">
        <block type="logic_boolean" id="{zr{Z(Fuk}B!p9:^3">
          <field name="BOOL">FALSE</field>
        </block>
      </value>
    </block>
  </value>
</block>
</value>
</block>
</value>
<statement name="DO1">
  <block type="comment" id="B%s2lmjm*o!e1HJRml)_">
    <field name="COMMENT">starten - Min+PV</field>
  <next>
    <block type="control" id="S3J_!0w9R/)kyz0N?BBQ">
      <mutation xmlns="http://www.w3.org/1999/xhtml"
delay_input="false"></mutation>
      <field name="OID">kecontact.0.currentUser</field>
      <field name="WITH_DELAY">FALSE</field>
      <value name="VALUE">
        <block type="math_arithmetic" id="+T8.5Z*i*fFM6)*u#P/?">
          <field name="OP">MULTIPLY</field>
          <value name="A">
            <shadow type="math_number">
              <field name="NUM">1</field>
            </shadow>
            <block type="get_value" id=".`x29%nr5e6OoWCp$X)y">
              <field name="ATTR">val</field>
              <field name="OID">0_userdata.0.Zoe.ZoeMinCurrent</
field>
            </block>
          </value>
          <value name="B">
            <shadow type="math_number" id="A!za_|^0RJ]4,j[^pAT~">
              <field name="NUM">1000</field>
            </shadow>
          </value>
        </block>
      </value>
    </block>
  </value>
  <next>
    <block type="control" id="~H7{1_#R{:T82fA?=o/;">
      <mutation xmlns="http://www.w3.org/1999/xhtml"
delay_input="false"></mutation>
      <field name="OID">kecontact.0.enableUser</field>
      <field name="WITH_DELAY">FALSE</field>
      <value name="VALUE">
        <block type="logic_boolean" id="%WDj#HuY=h;i/cv$fj2">
          <field name="BOOL">TRUE</field>
        </block>
      </value>

```

```

<next>
<block type="control" id="#e2K3#1+Oj*@3MTE+a@0">
  <mutation xmlns="http://www.w3.org/1999/xhtml">
    delay_input="true"></mutation>
    field>
      <field name="OID">javascript.0.Zoe.PVRegelungAktiv</
        <field name="WITH_DELAY">TRUE</field>
        <field name="DELAY_MS">30</field>
        <field name="UNIT">sec</field>
        <field name="CLEAR_RUNNING">FALSE</field>
        <value name="VALUE">
          <block type="logic_boolean" id=",kX#-5tv_/ay(re1S3ZC">
            <field name="BOOL">TRUE</field>
          </block>
        </value>
        <next>
          <block type="procedures_callnoreturn" id="-$$Sv1T|
            <mutation name="setCyle"></mutation>
            <next>
              <block type="debug" id="H-_8H-cXn@U5=0EVy^AX">
                <field name="Severity">log</field>
                <value name="TEXT">
                  <shadow type="text" id="?R79Q6[E!eLT|v2}_E(v">
                    <field name="TEXT">---&gt; Ladung gestartet
                      </shadow>
                    </value>
                  </block>
                </next>
              </block>
            </next>
          </block>
        </next>
      </block>
    </next>
  </block>
</statement>
<value name="IF2">
  <block type="logic_operation" id="`%xiS0-6p8q_,%)h0Vn!">
    <field name="OP">AND</field>
    <value name="A">
      <block type="logic_compare" id="x0)KA)a?d[RjJW5^(vUL">
        <field name="OP">EQ</field>
        <value name="A">
          <block type="get_value" id="Kvu-L##V#yqq/q(AFuK)">
            <field name="ATTR">val</field>
            <field name="OID">0_userdata.0.Zoe.ZoeStateLadung</field>
          </block>
        </value>
      <value name="B">
        <block type="math_number" id="%mfCl`h)vMF-#X}~IKyM">
          <field name="NUM">3</field>
        </block>
      </value>
    </block>
  </value>
</value>
<value name="B">

```

```

<block type="logic_compare" id="mJq+m!o@rr?X{kyOY+=B">
  <field name="OP">EQ</field>
  <value name="A">
    <block type="get_value" id="3NzYHt6}m)dY%*jb$H%F">
      <field name="ATTR">val</field>
      <field name="OID">javascript.0.Zoe.PVRegelungAktiv</field>
    </block>
  </value>
  <value name="B">
    <block type="logic_boolean" id="}DF`,s2AGYRK?[?CJ8IP">
      <field name="BOOL">FALSE</field>
    </block>
  </value>
</block>
</value>
</block>
</value>
</block>
<statement name="DO2">
  <block type="comment" id="iOrxyK@z7.AW0i_L(i91">
    <field name="COMMENT">starten - PV</field>
  <next>
    <block type="control" id="jlds@m9,YKH6^q|Dj@Pp">
      <mutation xmlns="http://www.w3.org/1999/xhtml"
delay_input="false"></mutation>
      <field name="OID">kecontact.0.currentUser</field>
      <field name="WITH_DELAY">FALSE</field>
      <value name="VALUE">
        <block type="math_arithmetic" id="A=B~luiBeDkfPmBwP^["? ">
          <field name="OP">MULTIPLY</field>
          <value name="A">
            <shadow type="math_number">
              <field name="NUM">1</field>
            </shadow>
            <block type="get_value" id="JN+r:Lmjyr{M*5y6|uHw">
              <field name="ATTR">val</field>
              <field name="OID">0_userdata.0.Zoe.ZoeMinCurrent</
field>
            </block>
          </value>
          <value name="B">
            <shadow type="math_number" id="{P*/Ku`x6aj%XfTtM.#t">
              <field name="NUM">1000</field>
            </shadow>
          </value>
        </block>
      </value>
    </block>
  </value>
  <next>
    <block type="control" id="1_`EX2Hi,l|FrjdEo_h2">
      <mutation xmlns="http://www.w3.org/1999/xhtml"
delay_input="false"></mutation>
      <field name="OID">javascript.0.Zoe.PVRegelungAktiv</field>
      <field name="WITH_DELAY">FALSE</field>
      <value name="VALUE">
        <block type="logic_boolean" id="!os4rNA!O1bK;SL}}J=e">
          <field name="BOOL">TRUE</field>
        </block>
      </value>
    </next>
    <block type="procedures_callnoreturn" id=",)5x#MJ5gU/PW}
Xaz/DB" disabled="true">

```

```

        <mutation name="setCyle"></mutation>
        <next>
        <block type="debug" id="ft1!}nkv.!+d]m+x-W)b">
        <field name="Severity">log</field>
        <value name="TEXT">
        <shadow type="text" id="wj(lrsl7:g|u1dNgV^!n">
        <field name="TEXT">---&gt; Ladung gestartet (PV)</
field>
        </shadow>
        </value>
        </block>
        </next>
        </block>
        </next>
        </block>
        </next>
        </block>
        </next>
        </block>
        </next>
        </block>
        </statement>
        </block>
        </next>
        </block>
        </statement>
        </block>
        </statement>
        <statement name="ELSE">
        <block type="comment" id="y?Wg;e,dd89l]kr]*#O(">
        <field name="COMMENT">Zoe nicht verbunden, keine Ladung</field>
        <next>
        <block type="update" id=":}AJ3S8oygi8[7ht9M|V">
        <mutation xmlns="http://www.w3.org/1999/xhtml"
delay_input="false"></mutation>
        <field name="OID">kecontact.0.currentUser</field>
        <field name="WITH_DELAY">FALSE</field>
        <value name="VALUE">
        <block type="math_arithmetic" id=".+F{^5kq^lzi|[^C`lhZ">
        <field name="OP">MULTIPLY</field>
        <value name="A">
        <shadow type="math_number">
        <field name="NUM">1</field>
        </shadow>
        <block type="get_value" id="(SF+MaPIFR={LWe1r|vl">
        <field name="ATTR">val</field>
        <field name="OID">0_userdata.0.Zoe.ZoeMinCurrent</field>
        </block>
        </value>
        <value name="B">
        <shadow type="math_number" id="Yx%iTfzeG.dVisc2{cSI">
        <field name="NUM">1000</field>
        </shadow>
        </value>
        </block>
        </value>
        <next>
        <block type="control" id="7CSZ.,s_7fD+7)7{OR5Q">
        <mutation xmlns="http://www.w3.org/1999/xhtml"
delay_input="false"></mutation>
        <field name="OID">kecontact.0.enableUser</field>
        <field name="WITH_DELAY">FALSE</field>

```

```
<value name="VALUE">
  <block type="logic_boolean" id="48{5_-5oQYqX!5#:2e~Q">
    <field name="BOOL">FALSE</field>
  </block>
</value>
<next>
  <block type="control" id="#2q`pW+5,?iWk8$57By2">
    <mutation xmlns="http://www.w3.org/1999/xhtml"
delay_input="false"></mutation>
    <field name="OID">javascript.0.Zoe.PVRegelungAktiv</field>
    <field name="WITH_DELAY">FALSE</field>
    <value name="VALUE">
      <block type="logic_boolean" id=".6$dSH?-!1=Ky34imDDE">
        <field name="BOOL">FALSE</field>
      </block>
    </value>
    <next>
      <block type="schedule_clear" id="Gdt/uTJ#e65mVTK{1N@~">
        <field name="NAME">Regelzyklus</field>
        <next>
          <block type="debug" id="qFzNK|^K6N~DT9=pi._Q"
disabled="true">
            <field name="Severity">log</field>
            <value name="TEXT">
              <shadow type="text" id="{DQT5R?SleZGiRlvU[VH">
                <field name="TEXT">---&gt; Ladung ist nicht bereit!</field>
              </shadow>
            </value>
          </block>
        </next>
      </block>
    </next>
  </block>
</next>
</block>
</next>
</block>
</next>
</block>
</next>
</block>
</next>
</block>
</next>
</block>
</statement>
</block>
</statement>
<next>
  <block type="comment" id="i=hv^5A:(98h9Js4k$a4">
    <field name="COMMENT">Regelzyklus initialisieren</field>
    <next>
      <block type="on_ext" id="O`ewU*+B,]S3`(!_?B3d" disabled="true">
        <mutation xmlns="http://www.w3.org/1999/xhtml" items="3"></mutation>
        <field name="CONDITION">ne</field>
        <field name="ACK_CONDITION"></field>
        <value name="OID0">
          <shadow type="field_oid" id="$u1X)A)KQhs9!90ix`=C">
            <field name="oid">0_userdata.0.AMISFronius.PowerFronius</field>
          </shadow>
        </value>
        <value name="OID1">
          <shadow type="field_oid" id="K*f)?y:f QcHG;.B$]3P">
            <field name="oid">javascript.0.Zoe.Regelzeit</field>
          </shadow>
        </value>
```

```

<value name="OID2">
  <shadow type="field_oid" id="ic.dRw9+sgaT0W3e6pmZ">
    <field name="oid">javascript.0.Zoe.PVRegelungAktiv</field>
  </shadow>
</value>
<statement name="STATEMENT">
  <block type="controls_if" id="pUH23|Sik^-LAmeZ:Gri">
    <mutation elseif="1" else="1"></mutation>
    <value name="IF0">
      <block type="logic_operation" id="eDy{dAcZ*8JktVHnaSz/">
        <field name="OP">OR</field>
        <value name="A">
          <block type="get_value" id="=:n+,#Zt5,/ _vY$CKksL">
            <field name="ATTR">val</field>
            <field name="OID">javascript.0.Zoe.StopRegelzyklusPV</field>
          </block>
        </value>
        <value name="B">
          <block type="get_value" id="Q#?;ofD/32hL+l|u^er">
            <field name="ATTR">val</field>
            <field name="OID">javascript.0.Zoe.EmergencyStop</field>
          </block>
        </value>
      </block>
    </value>
  </block>
</value>
<statement name="DO0">
  <block type="variables_set" id="jm*s,90w]x~.bq}Rlg+-">
    <field name="VAR" id="}!AU{1[.ve@rgPX)vkD^">Regelzeit</field>
    <value name="VALUE">
      <block type="math_number" id="}c.mkJr^@:.,3k_hl)2r)">
        <field name="NUM">999</field>
      </block>
    </value>
    <next>
      <block type="schedule_clear" id="IzUdO[LZrxM5pZ,@l4vK">
        <field name="NAME">Regelzyklus</field>
      </block>
    </next>
  </block>
</statement>
<value name="IF1">
  <block type="logic_compare" id="7mY78HYU(exc@l(Vja*t">
    <field name="OP">EQ</field>
    <value name="A">
      <block type="get_value" id="*6`)6(E]MX!AJvNH0:e?">
        <field name="ATTR">val</field>
        <field name="OID">javascript.0.Zoe.PVRegelungAktiv</field>
      </block>
    </value>
    <value name="B">
      <block type="logic_boolean" id="K5v~EG^|vy?q|wU)S!^">
        <field name="BOOL">TRUE</field>
      </block>
    </value>
  </block>
</value>
<statement name="DO1">
  <block type="controls_if" id="`*b2(.y{LTeguGT33zBy">
    <mutation elseif="1"></mutation>
    <value name="IF0">

```

```

<block type="logic_operation" id="}Fhv.47[38Nslmf]!c@?">
  <field name="OP">AND</field>
  <value name="A">
    <block type="logic_compare" id="HjUKQu-ib(yYt5~1}0Sb">
      <field name="OP">GT</field>
      <value name="A">
        <block type="get_value" id="MV]J|hoXw}:gh,95`m^x">
          <field name="ATTR">val</field>
          <field name="OID">0_userdata.0.AMISFronius.PowerFronius</
field>

        </block>
      </value>
    <value name="B">
      <block type="math_number" id="";}DDZ:{X;*EL}w{EDzn">
        <field name="NUM">0</field>
      </block>
    </value>
  </block>
</value>
<value name="B">
  <block type="logic_compare" id="||/r6.WxxCFBh/@z{/, ">
    <field name="OP">NEQ</field>
    <value name="A">
      <block type="variables_get" id="N?joJ)aDyC[BzA0/y1o0">
        <field name="VAR" id="}!AU{1[.ve@rgPX)vkD^">Regelzeit</
field>

      </block>
    </value>
  <value name="B">
    <block type="math_number" id=")$r$FC!fyGT;q[js@yt9">
      <field name="NUM">1</field>
    </block>
  </value>
</block>
</value>
</block>
</value>
</block>
</value>
<statement name="DO0">
  <block type="variables_set" id="(?!|kDDofqTXIIZ}iQw">
    <field name="VAR" id="}!AU{1[.ve@rgPX)vkD^">Regelzeit</field>
    <value name="VALUE">
      <block type="math_number" id="a]Yvk%^9G2wl6Y@CS+F^">
        <field name="NUM">1</field>
      </block>
    </value>
  <next>
    <block type="debug" id="0i`gw^mq)7_emVH!4jN">
      <field name="Severity">log</field>
      <value name="TEXT">
        <shadow type="text" id="vIJI{[X@D!kyPDB0I.A5">
          <field name="TEXT">---&gt;&gt; BEZUG, Regelzyklus: 1s</
field>

        </shadow>
      </value>
    <next>
      <block type="procedures_callnoreturn" id="8OY^_MBO0MgK%
+@N=f)s" disabled="true">

        <mutation name="setCyle"></mutation>
      </block>
    </next>

```

```
</block>
</next>
</block>
</statement>
<value name="IF1">
  <block type="logic_operation" id="gbRqarNN,@o=~t|Xvmsz">
    <field name="OP">AND</field>
    <value name="A">
      <block type="logic_compare" id="@-3KAc5)t|HS.]4Fwgeq">
        <field name="OP">LT</field>
        <value name="A">
          <block type="get_value" id="XXi]Uy]RdLA6Uuf+W|#M">
            <field name="ATTR">val</field>
            <field name="OID">0_userdata.0.AMISFronius.PowerFronius</
```

field>

```
</block>
</value>
<value name="B">
  <block type="math_number" id="%SOiHb_3;1A4/+!IMQww">
    <field name="NUM">0</field>
  </block>
</value>
</block>
</value>
<value name="B">
  <block type="logic_compare" id="9_ZAY3f%PWx#|!P!7CDE">
    <field name="OP">NEQ</field>
    <value name="A">
      <block type="variables_get" id="5x*-Nrt*djTG3}NHZk8:">
        <field name="VAR" id="}!AU{1[.ve@rgPX)vkD^">Regelzeit</
```

field>

```
</block>
</value>
<value name="B">
  <block type="get_value" id="jiD^FUUafZD.TX]LNx;y">
    <field name="ATTR">val</field>
    <field name="OID">javascript.0.Zoe.Regelzeit</field>
  </block>
</value>
</block>
</value>
</block>
</value>
<statement name="DO1">
  <block type="variables_set" id=".;]QKL-ma8n-[W-,HxKI">
    <field name="VAR" id="}!AU{1[.ve@rgPX)vkD^">Regelzeit</field>
    <value name="VALUE">
      <block type="get_value" id="B=ELZC+CA+OEIVO^ir:2">
        <field name="ATTR">val</field>
        <field name="OID">javascript.0.Zoe.Regelzeit</field>
      </block>
    </value>
  </next>
  <block type="debug" id="YjWIT,LL%lnRT;Ql[d,u">
    <field name="Severity">log</field>
    <value name="TEXT">
      <shadow type="text" id="fi~-,.!1:K-te3[i!A,s">
        <field name="TEXT"></field>
      </shadow>
      <block type="text_join" id=":a:B.8abYRr]h)M{;9ph">
```

```

        <mutation items="2"></mutation>
        <value name="ADD0">
          <block type="text" id=".!!+RL2lQh/E%Xkk(OY+">
            <field name="TEXT">---&gt;&gt; LIEFERUNG, Regelzyklus:
</field>
          </block>
        </value>
        <value name="ADD1">
          <block type="text_join" id=")DT*rt@YHu]wt%67/~7/">
            <mutation items="2"></mutation>
            <value name="ADD0">
              <block type="convert_tostring" id="zkHcfAmr6D$*;Z}
REGlg">
                <value name="VALUE">
                  <block type="get_value" id="dbfkgU$^Vqm*Sgv2i*UZ">
                    <field name="ATTR">val</field>
                    <field name="OID">javascript.0.Zoe.Regelzeit</field>
                  </block>
                </value>
              </block>
            </value>
          </block>
        </value>
        <value name="ADD1">
          <block type="text" id="R,6{$RhWVe|b9{N580Wd">
            <field name="TEXT">s</field>
          </block>
        </value>
      </block>
    </value>
  </block>
</value>
</block>
</value>
</block>
<next>
  <block type="procedures_callnoreturn"
id="mIDg3QTSJD6LJa{]AaLD" disabled="true">
    <mutation name="setCyle"></mutation>
  </block>
</next>
</block>
</next>
</block>
</statement>
</block>
</statement>
<statement name="ELSE">
  <block type="schedule_clear" id="J-)kl^Vc*W7sl-|Yvco6">
    <field name="NAME">Regelzyklus</field>
  </block>
</statement>
</block>
</statement>
<next>
  <block type="comment" id="J{|E;q5jB5Gpm4jhBtv4">
    <field name="COMMENT">Freigabe Regelzyklus PV</field>
  </block>
  <next>
    <block type="schedule" id="xq4YA$2O2%oqWrGf@c-/"
disabled="true">
      <field name="SCHEDULE">* * * * *</field>
      <statement name="STATEMENT">
        <block type="controls_if" id="#cB8e(~RJTUB^FnI0jnk">
          <mutation else="1"></mutation>
          <value name="IF0">

```

```

<block type="logic_operation" id="-p]!YbDhP1~H?xx7/4MS">
  <field name="OP">AND</field>
  <value name="A">
    <block type="logic_operation" id="S3R$aQ]kmzg;`L[Z|EF_">
      <field name="OP">AND</field>
      <value name="A">
        <block type="logic_compare" id="6@P])YXmRxIhp.r;glxT">
          <field name="OP">EQ</field>
          <value name="A">
            <block type="get_value" id="U!qLWp^v/ISCu_sN9F79">
              <field name="ATTR">val</field>
              <field name="OID">0_userdata.0.Zoe.ZoeStateLadung</
field>

            </block>
            </value>
            <value name="B">
              <block type="math_number" id="g+aXMaE_0=UMmQLV}}
EL">

                <field name="NUM">3</field>
                </block>
                </value>
                </block>
                </value>
                <value name="B">
                  <block type="logic_compare" id="]!C/1#S7/C-KLjU`8,P">
                    <field name="OP">EQ</field>
                    <value name="A">
                      <block type="get_value" id="v]`1l~zdYxz@FhU-#z+d">
                        <field name="ATTR">val</field>
                        <field name="OID">kecontact.0.plug</field>
                      </block>
                      </value>
                      <value name="B">
                        <block type="math_number" id="yFjVf8nJF^/s6ONX%}
k+ ">

                            <field name="NUM">7</field>
                            </block>
                            </value>
                            </block>
                            </value>
                            </block>
                            </value>
                            <value name="B">
                              <block type="logic_negate" id="Qrw3p98`fepqnwQpX}w**">
                                <value name="BOOL">
                                  <block type="get_value" id="_47$3GZzisi.b0x4?n*t">
                                    <field name="ATTR">val</field>
                                    <field name="OID">javascript.0.Zoe.ZielladungErreicht</
field>

                                  </block>
                                  </value>
                                  </block>
                                  </value>
                                  </block>
                                  </value>
                                  <statement name="DO0">
                                    <block type="controls_if" id="rKzq9NWP`ulpxvP4kaYO">
                                      <mutation else="1"></mutation>
                                      <value name="IF0">
                                        <block type="logic_operation" id="#ZfN+Y[JStfq_F$Os6[=">

```

```

<field name="OP">AND</field>
<value name="A">
  <block type="logic_compare" id="p#HV)[g+07,NJ9#4Azbj">
    <field name="OP">NEQ</field>
    <value name="A">
      <block type="convert_tonumber" id=")r$z+UU-RJQ~Du4/
^elh">
        <value name="VALUE">
          <block type="get_value" id="qh?Jo}zo!Gu/L2~3umBY">
            <field name="ATTR">val</field>
            <field name="OID">javascript.0.Sonne.ZeitSA</field>
          </block>
        </value>
      </block>
    </value>
    <value name="B">
      <block type="math_number" id="}rY1DgL0P9D0V)=fAjik">
        <field name="NUM">0</field>
      </block>
    </value>
  </block>
</value>
<value name="B">
  <block type="logic_compare" id="DvONg[n8Lv*x_0eHDI2z">
    <field name="OP">NEQ</field>
    <value name="A">
      <block type="convert_tonumber" id="B[y8Zi-+Z?
quHyo7@[Pu">
        <value name="VALUE">
          <block type="get_value" id="?xAu.*B?K!~)!SwdW8?y">
            <field name="ATTR">val</field>
            <field name="OID">javascript.0.Sonne.ZeitSA</field>
          </block>
        </value>
      </block>
    </value>
    <value name="B">
      <block type="math_number"
id="BODqjDRs8sEhmm4{BWu3">
        <field name="NUM">0</field>
      </block>
    </value>
  </block>
</value>
</block>
</value>
<statement name="DO0">
  <block type="controls_if" id="T%L}EUP)xCX{ok9lr}kN">
    <mutation else="1"></mutation>
    <value name="IF0">
      <block type="logic_operation" id="~P_M%Oa!L+Q!
DI*+D;iF">
        <field name="OP">AND</field>
        <value name="A">
          <block type="logic_compare" id="R.
9jWypcX4kbP;q^vtD">
            <field name="OP">GTE</field>
            <value name="A">
              <block type="time_get" id="1OXT$bR*Rn+0M.#zk;){">

```

```

        <mutation xmlns="http://www.w3.org/1999/xhtml"
format="false" language="false"></mutation>
        <field name="OPTION">hh:mm</field>
        </block>
        </value>
        <value name="B">
        <block type="get_value" id="4rR*SFgC1]-tud9wTJle">
        <field name="ATTR">val</field>
        <field name="OID">javascript.0.Sonne.ZeitSA</field>
        </block>
        </value>
        </block>
        </value>
        <value name="B">
        <block type="logic_compare" id="[0wru9_vzT=G!
OetqYAn">
        <field name="OP">LTE</field>
        <value name="A">
        <block type="time_get" id="Ql@u9vJ:#6TX+-AAuP+(">
        <mutation xmlns="http://www.w3.org/1999/xhtml"
format="false" language="false"></mutation>
        <field name="OPTION">hh:mm</field>
        </block>
        </value>
        <value name="B">
        <block type="get_value" id="=30aga#drF3|4_N*t;Ff">
        <field name="ATTR">val</field>
        <field name="OID">javascript.0.Sonne.ZeitSU</field>
        </block>
        </value>
        </block>
        </value>
        </block>
        </value>
        <statement name="DO0">
        <block type="debug" id="R{PX6osCJiP@3L+hHIYs">
        <field name="Severity">log</field>
        <value name="TEXT">
        <shadow type="text" id="$0[{8Fo+p2p}BX5s?;T:">
        <field name="TEXT">PV / Sonnenzeit passt zur Ladung</
field>
        </shadow>
        </value>
        <next>
        <block type="control" id="unqSb#^gYVR2i~un87wS">
        <mutation xmlns="http://www.w3.org/1999/xhtml"
        <field name="OID">javascript.
        <field name="WITH_DELAY">FALSE</field>
        <value name="VALUE">
        <block type="logic_boolean" id="#gYgN+}
DexLBWUE7k`/p">
        <field name="BOOL">FALSE</field>
        </block>
        </value>
        </block>
        </next>
        </block>
        </statement>

```

```

<statement name="ELSE">
  <block type="debug" id="4bd6m)\v?s!=9hbJq!|U">
    <field name="Severity">log</field>
    <value name="TEXT">
      <shadow type="text" id="f^6mT~g@W*-Q8kS7c$#n">
        <field name="TEXT">PV / Sonnenzeit passt NICHT zur
Ladung</field>
        </shadow>
      </value>
    </next>
    <block type="control" id="^0#ocBHX`_|8u}}.CvC:">
      <mutation xmlns="http://www.w3.org/1999/xhtml">
        <field name="OID">javascript.
0.Zoe.StopRegelzyklusPV</field>
        <field name="WITH_DELAY">FALSE</field>
        <value name="VALUE">
          <block type="logic_boolean"
id="t7sq$Y%TObnTZvW9;h^;">
            <field name="BOOL">TRUE</field>
          </block>
        </value>
      </block>
    </next>
  </block>
</statement>
</block>
</statement>
<statement name="ELSE">
  <block type="debug" id="$=AP)Gxf:zPA|IQzX6CE">
    <field name="Severity">log</field>
    <value name="TEXT">
      <shadow type="text" id="E4=pVJSxq8Nmmjh0#kqg">
        <field name="TEXT">PV / Sonnenzeit ist nicht definiert.</
field>
        </shadow>
      </value>
    </next>
    <block type="control" id="LH3),l$XK5rjPI3`Q*x4">
      <mutation xmlns="http://www.w3.org/1999/xhtml">
        <field name="OID">javascript.0.Zoe.StopRegelzyklusPV</
field>
        <field name="WITH_DELAY">FALSE</field>
        <value name="VALUE">
          <block type="logic_boolean"
id=",U8mGCi^tfR~Z8GMT97*">
            <field name="BOOL">FALSE</field>
          </block>
        </value>
      </block>
    </next>
  </block>
</statement>
</block>
</statement>
<statement name="ELSE">
  <block type="control" id="8x,sE}~0hurt;dBJ$ZK@">
    <mutation xmlns="http://www.w3.org/1999/xhtml">
      delay_input="false"></mutation>
    </block>
  </statement>

```

```

<field name="OID">javascript.0.Zoe.StopRegelzyklusPV</field>
<field name="WITH_DELAY">FALSE</field>
<value name="VALUE">
  <block type="logic_boolean" id="**gEhLgxjY^{zt[J.I5IN">
    <field name="BOOL">FALSE</field>
  </block>
</value>
</block>
</statement>
</block>
</statement>
<next>
<block type="comment" id="7HJ)#b.r+[9dDtRP?uqO">
  <field name="COMMENT">Grid-Überwachung</field>
<next>
<block type="on_ext" id=",O^?q8[r;sS~lqG[?])" disabled="true">
  <mutation xmlns="http://www.w3.org/1999/xhtml" items="3"></
mutation>

  <field name="CONDITION">ne</field>
  <field name="ACK_CONDITION"></field>
  <value name="OID0">
    <shadow type="field_oid" id="E%y=!oF0A/_7$Gj@m#e">
      <field name="oid">0_userdata.0.AMISFronius.170</field>
    </shadow>
  </value>
  <value name="OID1">
    <shadow type="field_oid" id="$=oKGqb2Z%/hhV0QiB~5">
      <field name="oid">0_userdata.0.AMISFronius.270</field>
    </shadow>
  </value>
  <value name="OID2">
    <shadow type="field_oid" id="@u~kM4h)6xkxSq[7E;R$">
      <field name="oid">0_userdata.0.AMISFronius.PowerFronius</
field>

    </shadow>
  </value>
  <statement name="STATEMENT">
    <block type="timeouts_cleartimeout" id="V5uKiSi1I3cx4o}

A#D[m">

    <field name="NAME">timeout</field>
    <next>
      <block type="timeouts_settimeout"

id="igKnM-7l*~dQhYw:S=-_ ">

        <field name="NAME">timeout</field>
        <field name="DELAY">60</field>
        <field name="UNIT">sec</field>
        <statement name="STATEMENT">
          <block type="controls_if" id=",fBow#RKbw],/SFuS=#j">
            <value name="IF0">
              <block type="logic_operation" id="*+T0=PB}

iPPXj9(8JN9Q">

                <field name="OP">AND</field>
                <value name="A">
                  <block type="get_value" id="Egz64],*m.

4SgYAhH0V;">

                    <field name="ATTR">val</field>
                    <field name="OID">kecontact.0.enableUser</field>
                  </block>
                </value>
                <value name="B">

```

La63{jbQ{L83.-4i83">	<block type="logic_negate" id="P-
id="E,pyHu3\$kKG_Ap{Per7.">	<value name="BOOL"> <block type="get_value"
0.Zoe.EmergencyStop</field>	<field name="ATTR">val</field> <field name="OID">javascript.
	</block> </value> </block> </value> </block> </value>
delay_input="false"></mutation>	<statement name="DO0"> <block type="update" id="?4%}LCai[Fd/v:Z^%Q2~"> <mutation xmlns="http://www.w3.org/1999/xhtml"
Xgl%C#pq`{h,Jt">	<field name="OID">kecontact.0.currentUser</field> <field name="WITH_DELAY">FALSE</field> <value name="VALUE"> <block type="math_arithmetic" id="76hvC-
MFI=">	<field name="OP">MULTIPLY</field> <value name="A"> <shadow type="math_number"> <field name="NUM">1</field> </shadow> <block type="get_value" id="R?\$\$`Pvaj11:ol8}
0.Zoe.ZoeMinCurrent</field>	<field name="ATTR">val</field> <field name="OID">0_userdata.
5#Vk10SAG">	</block> </value> <value name="B"> <shadow type="math_number" id="Pp0T%i{SE5}
delay_input="false"></mutation>	<field name="NUM">1000</field> </shadow> </value> </block> </value> <next> <block type="control" id="O3qSF-%]20R:R^p]O/v)"> <mutation xmlns="http://www.w3.org/1999/xhtml"
id="gP~SygEfp6=mlzaD7pwh">	<field name="OID">kecontact.0.enableUser</field> <field name="WITH_DELAY">FALSE</field> <value name="VALUE"> <block type="logic_boolean"
id="ZK[\$bTNWC.^q6,~Q5Hh">	<field name="BOOL">FALSE</field> </block> </value> <next> <block type="control"
delay_input="false"></mutation>	<mutation xmlns="http://www.w3.org/1999/xhtml"

0.Zoe.PVRegelungAktiv</field>

id="b{;B=6[a;asi2Hwd/J[:">

id="*[h]RG5]Vh~uZ_J8;:lG">

xhtml" delay_input="false"></mutation>

0.Zoe.EmergencyStop</field>

id="F\$u4heNG`TznIH[W98k+ ">

id="~TQs#@hMiY#QM8d/;[]?">

`eoP0N[pJwM4v}PyY">

id="q#a{hMQ8blj!.uDqi\$}">

ÜBERWACHUNG !! Emergency Stop.</field>

id="rjdDovlQY9An^DH[#)OT">

field>

id=";H4[Q+V*DfMfo3orlZMB">

ÜBERWACHUNG !! Emergency Stop.</field>

<field name="OID">javascript.

<field name="WITH_DELAY">FALSE</field>

<value name="VALUE">

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</value>

<next>

<block type="schedule_clear"

<field name="NAME">Regelzyklus</field>

<next>

<block type="debug" id="t#|

<field name="Severity">log</field>

<value name="TEXT">

<shadow type="text"

<field name="TEXT">PV - GRID

</shadow>

</value>

<next>

<block type="telegram"

<field name="INSTANCE">.0</field>

<field name="LOG">log</field>

<field name="SILENT">FALSE</field>

<field name="PARSEMODE">default</

<value name="MESSAGE">

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<field name="TEXT">PV - GRID

</shadow>

</value>

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</next>

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</next>

</block>

</next>

</block>

</next>

</block>

```

        </next>
      </block>
    </next>
  </block>
</next>
</block>
</statement>
</block>
</statement>
<next>
  <block type="comment" id="Eb,2V$G-X4Mxmv|`L`Z+">
    <field name="COMMENT">Emergency Stop aufheben</
field>

  <next>
    <block type="controls_if" id="#i5J$xK_,, @Bt[_cVVC]">
      <value name="IF0">
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          <field name="OP">AND</field>
          <value name="A">
            <block type="get_value" id="~O.{;;y?

              <field name="ATTR">val</field>
              <field name="OID">fronius.0.info.connection</
field>

            </block>
          </value>
          <value name="B">
            <block type="get_value" id="./j?9*vXs*J[vq?

              <field name="ATTR">val</field>
              <field name="OID">javascript.

            </block>
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        </block>
      </value>
    </statement name="DO0">
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          <value name="VALUE">
            <block type="logic_boolean" id=".=`1d/

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            </block>
          </value>
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        <block type="debug" id="P-?@Ghxoz)6js?

          <field name="Severity">log</field>
          <value name="TEXT">
            <shadow type="text" id="X-

              <field name="TEXT">PV -Emergency Stop

            </shadow>

```

```

        </value>
        </block>
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        </statement>
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disabled="true">

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        <field name="CONDITION">ne</field>
        <field name="ACK_CONDITION"></field>
        <value name="OID0">
        <shadow type="field_oid" id="vf~HCzj@c6(dI4KRcew~">
        <field name="oid">fronius.0.info.connection</field>
        </shadow>
        </value>
        <statement name="STATEMENT">
        <block type="controls_if" id=".7nCKdAx0NP#mU|qW*zT">
        <value name="IF0">
        <block type="logic_negate" id="/|#Y}$`,m`y7ii{xNfC">
        <value name="BOOL">
        <block type="on_source" id="w*3y8f[SLT^jzf)V,v2f">
        <field name="ATTR">state.val</field>
        </block>
        </value>
        </block>
        </value>
        <statement name="DO0">
        <block type="controls_if" id="iFMuy+0$C@*a^iVa,o_5">
        <value name="IF0">
        <block type="logic_operation" id="UrtJ%{Md,

3G4Dq]VOD31">

        <field name="OP">AND</field>
        <value name="A">
        <block type="get_value" id="!up/]2E)=[q/] [=Y4.+A">
        <field name="ATTR">val</field>
        <field name="OID">kecontact.0.enableUser</field>
        </block>
        </value>
        <value name="B">
        <block type="logic_negate" id="/?[1qiVlxi}

%c9o{QyU">

        <value name="BOOL">
        <block type="get_value"

id="KI%V(vj*7#knA2aVHO)J">

        <field name="ATTR">val</field>
        <field name="OID">javascript.

0.Zoe.EmergencyStop</field>

        </block>
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        </block>

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p.RBU;-l">	<field name="OP">MULTIPLY</field> <value name="A"> <shadow type="math_number"> <field name="NUM">1</field> </shadow> <block type="get_value" id="oMCs?
gDcK*a_Gc#W4g8U">	<field name="ATTR">val</field> <field name="OID">0_userdata.
0.Zoe.ZoeMinCurrent</field>	</block> </value> <value name="B"> <shadow type="math_number"
id="38H%_Dnc1UGpm{SuBMbQ">	<field name="NUM">1000</field> </shadow> </value> </block> </value> <next> <block type="control" id="30/bHk4aX=%\$V;m}
eDpJ">	<mutation xmlns="http://www.w3.org/1999/xhtml"
delay_input="false"></mutation>	<field name="OID">kecontact.0.enableUser</field> <field name="WITH_DELAY">FALSE</field> <value name="VALUE"> <block type="logic_boolean" id="h%3
X,qWO6HqQTI~?r=,">	<field name="BOOL">FALSE</field> </block> </value> <next> <block type="control" id="zpg^*Ys^
t8ZGM7i9J`R">	<mutation xmlns="http://www.w3.org/1999/xhtml"
delay_input="false"></mutation>	<field name="OID">javascript.
0.Zoe.PVRegelungAktiv</field>	<field name="WITH_DELAY">FALSE</field> <value name="VALUE"> <block type="logic_boolean"
id="pZv\$0v4gH(DkDkMxS^47">	<field name="BOOL">FALSE</field> </block> </value> <next>

(0#zjwN5">
xhtml" delay_input="false"></mutation>
0.Zoe.EmergencyStop</field>

@3G6u}L`)P">

Jloh_8*D4Qtn:b">

LKb?i">

\$o%D(?1|{%f}">
ÜBERWACHUNG !! Emergency Stop.</field>

QNR9ruNjvcAj.2/p_">

field>

8LQF\$C{S`Mmf">
ÜBERWACHUNG !! Emergency Stop.</field>

<block type="control" id="=eFI4?F7I6z.

<mutation xmlns="http://www.w3.org/1999/

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</value>
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 <block type="schedule_clear" id="5^Q.K!

 <field name="NAME">Regelzyklus</field>
 <next>
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 <field name="Severity">log</field>
 <value name="TEXT">
 <shadow type="text" id="SFQ!@.T!

 <field name="TEXT">PV - FRONIUS

 </shadow>
 </value>
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 <block type="telegram" id="Pb|

 <field name="INSTANCE">.0</field>
 <field name="LOG">log</field>
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 <field name="PARSEMODE">default</

 <value name="MESSAGE">
 <shadow type="text" id="il(_Tea}

 <field name="TEXT">PV - GRID

 </shadow>
 </value>
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[illegible]