## PROGRAM DEFINITION

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|  |
| * Program untuk Setting PM System Parameter |

## RELATED TABLES

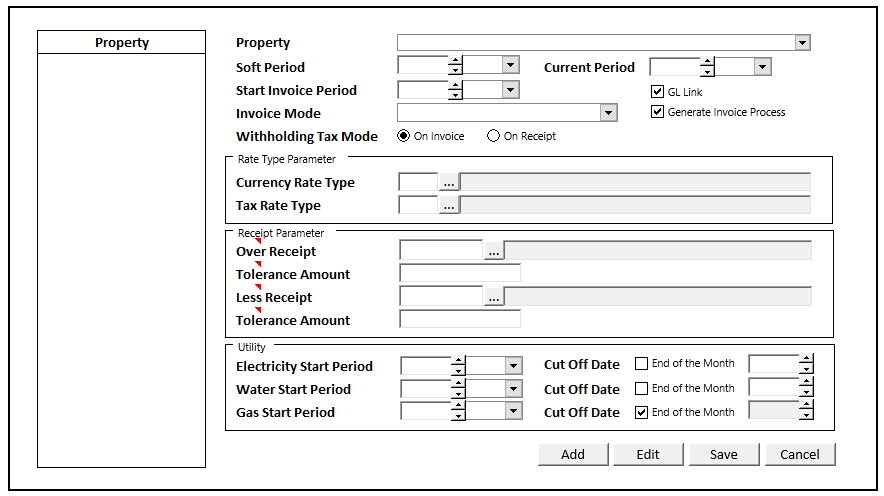
|  |  |
| --- | --- |
|  | **Access** |
| * PMM\_SYSTEM\_PARAM | * RW |

## ROLES

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|  | **Test** |
| * User yg mempunyai akses ke program |  |

## MAIN FORM

### USER INTERFACE



#### INITIAL VERSION

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|  | **Test** |
| * Set VAR\_COMPANY\_ID = Login User’s Company ID * Set VAR\_USER\_ID = Login User ID * Set VAR\_LANGUAGE\_ID = Login User’s Language ID * Get Property List to Combobox Property [PROPERTY\_LIST]:   EXEC RSP\_GS\_GET\_PROPERTY\_LIST ‘VAR\_CCOMPANY\_ID’, ‘VAR\_USER\_ID’  Set return into binding source Combobox Property   * Jalankan RSP\_GS\_GET\_PERIOD\_YEAR\_RANGE dengan parameter, simpan hasil ke VAR\_GSM\_PERIOD   + VAR\_COMPANY\_ID   + ‘’ (Empty String)   + ‘’ (Empty String) * Jalankan RSP\_PM\_GET\_SYSTEM\_PARAMETER\_LIST dengan parameter:   + VAR\_COMPANY\_ID   + VAR\_USER\_ID   Set Return to Grid, Display only CPROPERTY\_NAME on Grid. Default Current to First Record  Jika Current Property pada Grid isnot nothing : lakukan DISPLAY PROCESS |  |

### BUTTON DEFINITION

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| --- | --- |
| **Button Name** | **Action** |
| Add | Untuk masuk pada Add Mode (ADD PROCESS) |
| Edit | Untuk masuk pada Edit Mode (EDIT PROCESS |
| Save | Jalankan SAVE PROCESS |
| Cancel | Untuk Cancel Add atau Edit Mode dan kembali ke Display Mode |

### DISPLAY PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Load Selected Property Data   EXEC RSP\_PM\_GET\_SYSTEM\_PARAMETER\_DETAIL dengan parameter:   * + VAR\_COMPANY\_ID   + Selected CPROPERTY\_ID from Grid   + VAR\_USER\_ID   Set Return Data ke binding source Form. |  |

#### FIELD DEFINITION

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| **Name** | **Field** | **Type** | **Validation** |
| Property | Set Value : CPROPERTY\_ID  Set Display : CPROPERTY\_NAME  As Parameter: CPROPERTY\_ID | Combobox | * Mandatory * Get DataSource from [PROPERTY\_LIST] * Add or Edit Mode: IF Combobox Empty   + Display message “Please select property !” |
| Soft Period Year | As Parameter: CSOFT\_PERIOD\_YEAR  Set Display : LEFT(CSOFT\_PERIOD,4) | Spinner   * Minimum Value = VAR\_GSM\_PERIOD.IMIN\_YEAR * Minimum Value = VAR\_GSM\_PERIOD.IMAX\_YEAR * Stepping value = 1   Set Default when Add = Year.Today | * Mandatory * Add or Edit Mode: IF Combobox Empty   + Display message “Please select soft period !” |
| Soft Period Month | As Parameter: CSOFT\_PERIOD\_MONTH  Set Display : RIGHT(CSOFT\_PERIOD,2) | Combobox  Isi combobox dengan RSP\_GS\_GET\_PERIOD\_DT\_LIST dengan parameter:   * VAR\_COMPANY\_ID * Year.Today   Set Item Code=CPERIOD\_NO  Set Item Name=CPERIOD\_NO | * Mandatory * Default Value = Month.Today * Add or Edit Mode: IF Combobox Empty   + Display message “Please select soft period !” |
| Current Period Year | As Parameter: CCURRENT\_PERIOD\_YEAR  Set Display : LEFT(CCURRENT\_PERIOD,4) | Spinner   * Minimum Value = VAR\_GSM\_PERIOD.IMIN\_YEAR * Minimum Value = VAR\_GSM\_PERIOD.IMAX\_YEAR * Stepping value = 1   Set Default when Add = Year.Today | * Mandatory * Add or Edit Mode: IF Combobox Empty * Display message “Please select soft period !” |
| Current Period Month | As Parameter: CCURRENT\_PERIOD\_MONTH  Set Display : RIGHT(CCURRENT\_PERIOD,2) | Combobox  Isi combobox dengan RSP\_GS\_GET\_PERIOD\_DT\_LIST dengan parameter:   * VAR\_COMPANY\_ID * Year.Today   Set Item Code=CPERIOD\_NO  Set Item Name=CPERIOD\_NO | * Mandatory * Default Value = Month.Today * Add or Edit Mode: IF Combobox Empty * Display message “Please select current period !” |
| Start Invoice Period Year | As Parameter: CINV\_PERIOD\_YEAR  Set Display : LEFT(CINV\_PRD,4) | Spinner   * Minimum Value = VAR\_GSM\_PERIOD.IMIN\_YEAR * Minimum Value = VAR\_GSM\_PERIOD.IMAX\_YEAR * Stepping value = 1   Set Default when Add = Year.Today | * Mandatory * Add or Edit Mode: IF Combobox Empty * Display message “Please select start invoice period !” |
| Start Invoice Month | As Parameter: CINV\_PERIOD\_MONTH  Set Display : RIGHT(CINV\_PRD,2) | Combobox  Isi combobox dengan RSP\_GS\_GET\_PERIOD\_DT\_LIST dengan parameter:   * VAR\_COMPANY\_ID * Year.Today   Set Item Code=CPERIOD\_NO  Set Item Name=CPERIOD\_NO | * Mandatory * Default Value = Month.Today * Add or Edit Mode: IF Combobox Empty   + Display message “Please select start invoice period !” |
| GL Link | * LGLLINK | Checkbox | * Default Value = False |
| Generate Invoice Process | * LINV\_PROCESS\_FLAG | Checkbox | * Default Value = False |
| Invoice Mode | CINVOICE\_MODE | Combobox  Isi combobox dengan RSP\_GS\_GET\_GSB\_CODE\_LIST dengan parameter:   * ‘BIMASAKTI’ * VAR\_COMPANY\_ID * ‘\_BS\_GENERATE\_INVOICE\_MODE’ * VAR\_LANG\_ID * ‘’   Set Item Code=CCODE  Set Item Name=CNAME | * Default Value = Invoice |
| Withholding Tax Mode | CWHT\_MODE  As Parameter  IF On Receipt ischeked = True THEN  CWHT\_MODE = ‘R’ ELSE  CWHT\_MODE = ‘I’ | Radio button  IF CWHT\_MODE = ‘R’ THEN  Radio choose: On Receipt  ELSE  Radio choose: On Invoice | * Default Value When Add = On Invoice |
| Currency Rate Type | CCUR\_RATE\_TYPE\_CODE CCUR\_RATE\_TYPE\_DESC  Value: CCUR\_RATE\_TYPE\_CODE | Textbox & Button Lookup | * Currency Rate Desc always disabled * Currency Rate Code & button lookup always enabled(add & edit) * Do Lookup GSL00800 CURRENCY RATE TYPE LOOKUP, Parameter:   + VAR\_COMPANY\_ID   + VAR\_USER\_ID * Set CCUR\_RATE\_TYPE\_CODE = lookup.CRATETYPE\_CODE * Set CCUR\_RATE\_TYPE\_DESC = lookup. CRATETYPE\_DESCRIPTION |
| Tax Rate Type | CTAX\_RATE\_TYPE\_CODE CTAX\_RATE\_TYPE\_DESC  Value: CTAX\_RATE\_TYPE\_CODE | Textbox & Button Lookup | * Tax Rate Desc always disabled * Tax Rate Code & button lookup always enabled (add & edit) * Do Lookup GSL00100 TAX RATE TYPE LOOKUP, Parameter:   + VAR\_COMPANY\_ID   + VAR\_USER\_ID * Set CTAX\_RATE\_TYPE\_CODE = lookup.CTAX\_ID * Set CTAX\_RATE\_TYPE\_DESC = lookup.CTAX\_NAME |
| Over Receipt | COVER\_RECEIPT  COVER\_RECEIPT\_DESC  Value :  COVER\_RECEIPT | Textbox & Button Lookup | * Over Receipt Desc always disabled * Over Receipt & button lookup always enabled (add & edit) * Do Lookup GSL01400 OTHER CHARGES LOOKUP, Parameter:   + VAR\_COMPANY\_ID   + Selected Combobox CPROPERTY\_ID   + ‘**A**’ * Set COVER\_RECEIPT = lookup. * Set COVER\_RECEIPT\_DESC = lookup. |
| Over Tolerance Amount | NOVER\_TOLERANCE\_AMOUNT | Spinner | * Decimal Places 2 |
| Less Receipt | CLESS\_RECEIPT  CLESS\_RECEIPT\_DESC  Value :  CLESS\_RECEIPT | Textbox & Button Lookup | * Less Receipt Desc always disabled * Less Receipt & button lookup always enabled (add & edit) * Do Lookup GSL01400 OTHER CHARGES LOOKUP, Parameter:   + VAR\_COMPANY\_ID   + Selected Combobox CPROPERTY\_ID   + ‘**D**’ * Set CLESS\_RECEIPT = lookup. * Set CLESS\_RECEIPT\_DESC = lookup. |
| Less Tolerance Amount | NLESS\_TOLERANCE\_AMOUNT | Spinner | Decimal Places 2 |
| Electricity Start Period Year | As Parameter: CELECTRIC\_PERIOD\_YEAR  Set Display : LEFT(CELECTRIC\_PERIOD,4) | Spinner   * Minimum Value = VAR\_GSM\_PERIOD.IMIN\_YEAR * Minimum Value = VAR\_GSM\_PERIOD.IMAX\_YEAR * Stepping value = 1   Set Default when Add = Year.Today | * Mandatory * Add or Edit Mode: IF Combobox Empty * Display message “Please select electricity start period !” |
| Electricity Start Period Month | As Parameter: CELECTRIC\_PERIOD\_MONTH  Set Display : RIGHT(CELECTRIC\_PERIOD,2) | Combobox  Isi combobox dengan RSP\_GS\_GET\_PERIOD\_DT\_LIST dengan parameter:   * VAR\_COMPANY\_ID * Year.Today   Set Item Code=CPERIOD\_NO  Set Item Name=CPERIOD\_NO | * Mandatory * Default Value = Month.Today * Add or Edit Mode: IF Combobox Empty * Display message “Please select electricity start period !” |
| Water Start Period Year | As Parameter: CWATER\_PERIOD\_YEAR  Set Display : LEFT(CWATER\_PERIOD,4) | Spinner   * Minimum Value = VAR\_GSM\_PERIOD.IMIN\_YEAR * Minimum Value = VAR\_GSM\_PERIOD.IMAX\_YEAR * Stepping value = 1   Set Default when Add = Year.Today | * Mandatory * Add or Edit Mode: IF Combobox Empty * Display message “Please select Water start period !” |
| Water Start Period Month | As Parameter: CWATER\_PERIOD\_MONTH  Set Display : RIGHT(CWATER\_PERIOD,2) | Combobox  Isi combobox dengan RSP\_GS\_GET\_PERIOD\_DT\_LIST dengan parameter:   * VAR\_COMPANY\_ID * Year.Today   Set Item Code=CPERIOD\_NO  Set Item Name=CPERIOD\_NO | * Mandatory * Default Value = Month.Today * Add or Edit Mode: IF Combobox Empty * Display message “Please select Water start period !” |
| Gas Start Period Year | As Parameter: CGAS\_PERIOD\_YEAR  Set Display : LEFT(CGAS\_PERIOD,4) | Spinner   * Minimum Value = VAR\_GSM\_PERIOD.IMIN\_YEAR * Minimum Value = VAR\_GSM\_PERIOD.IMAX\_YEAR * Stepping value = 1   Set Default when Add = Year.Today | * Mandatory * Add or Edit Mode: IF Combobox Empty * Display message “Please select Gas start period !” |
| Gas Start Period Month | As Parameter: CGAS\_PERIOD\_MONTH  Set Display : RIGHT(CGAS\_PERIOD,2) | Combobox  Isi combobox dengan RSP\_GS\_GET\_PERIOD\_DT\_LIST dengan parameter:   * VAR\_COMPANY\_ID * Year.Today   Set Item Code=CPERIOD\_NO  Set Item Name=CPERIOD\_NO | * Mandatory * Default Value = Month.Today * Add or Edit Mode: IF Combobox Empty   Display message “Please select Gas start period !” |
| Electricity Cut Off Date | LELECTRIC\_END\_MONTH | Checkbox | * Default Value = unchecked * IF Checked THEN   Disabled Electric Date Spinner on the right  Else  Enabled Electric Date Spinner on the right |
| Water Cut Off Date | LWATER\_END\_MONTH | Checkbox | * Default Value = unchecked * IF Checked THEN   Disabled Water Date Spinner on the right  Else  Enabled Water Date Spinner on the right |
| Gas Cut Off Date | LGAS\_END\_MONTH | Checkbox | * Default Value = unchecked * IF Checked THEN   Disabled Gas Date Spinner on the right  Else  Enabled Gas Date Spinner on the right |
| Electricity Cut Off Date Spinner | CELECTRIC\_DATE | Spinner  Min: 1 Max: 31 | * Default Value = unchecked * Enabled When Checkbox Electric End of Month = True (add or edit) * Convert to Char(2) * Ex: 3 => ‘03’ |
| Water Cut Off Date Spinner | CWATER\_DATE | Spinner Min: 1  Max: 31 | * Default Value = unchecked * Enabled When Checkbox water End of Month = True (add or edit) * Convert to Char(2) * Ex: 3 => ‘03’ |
| Gas Cut Off Date Spinner | CGAS\_DATE | Spinner  Min: 1  Max: 31 | * Default Value = unchecked * Enabled When Checkbox GasEnd of Month = True (add or edit) * Convert to Char(2) * Ex: 3 => ‘03’ |
|  |  |  |  |

### ADD PROCESS

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| --- | --- |
|  | **Test** |
| * Set **VAR\_SAVE\_MODE** = NEW * Enabled fields: All Field Except: "all lookup description * Set focus to column: "Combobox Property Id" |  |
| * Proses   + - * + “Save” 🡪 Go to SAVE PROCESS         + “Cancel”🡪 Go to DISPLAY PROCESS |  |

### EDIT PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Set **VAR\_SAVE\_MODE** = EDIT * Enabled fields : All Field Except: "property & all lookup description" * Set focus to column: "Combobox Property Id" |  |
| * Proses   + - * + “Save” 🡪 Go to SAVE PROCESS         + “Cancel”🡪 Go to DISPLAY PROCESS |  |

### SAVE PROCESS

###### VALIDATION

|  |  |  |
| --- | --- | --- |
| **Field** | **Condition** | **Validation Message** |
| Property | Empty | Please select Department ! |
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#### ACTION

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| * Jalankan RSP\_PM\_MAINTAIN\_SYSTEM\_PARAMETER dengan parameter   + - VAR\_COMPANY\_ID     - Selected CPROPERTY\_ID     - Selected CSOFT\_PERIOD\_YEAR + Selected CSOFT\_PERIOD\_MONTH (yyyymm)     - Selected CCURRENT\_PERIOD\_YEAR + Selected CCURRENT\_PERIOD\_MONTH (yyyymm)     - Selected CINV\_PERIOD\_YEAR + Selected CINV\_PERIOD\_MONTH (yyyymm)     - Selected LGLLINK     - Selected LINV\_PROCESS\_FLAG     - Selected CINVOICE\_MODE     - Selected CWHT\_MODE     - Selected CCUR\_RATE\_TYPE\_CODE     - Selected CTAX\_RATE\_TYPE\_CODE     - Selected COVER\_RECEIPT     - Selected NOVER\_TOLERANCE\_AMOUNT     - Selected CLESS\_RECEIPT     - Selected NLESS\_TOLERANCE\_AMOUNT     - Selected CELECTRIC\_PERIOD\_YEAR + Selected CELECTRIC\_PERIOD\_MONTH(yyyymm)     - Selected CWATER\_PERIOD\_YEAR + Selected CWATER\_PERIOD\_MONTH(yyyymm)     - Selected CGAS\_PERIOD\_YEAR + Selected CGAS\_PERIOD\_MONTH(yyyymm)     - Selected LELECTRIC\_END\_MONTH     - Selected LWATER\_END\_MONTH     - Selected LGAS\_END\_MONTH     - Selected CELECTRIC\_DATE     - Selected CWATER\_DATE     - Selected CGAS\_DATE     - VAR\_SAVE\_MODE     - VAR\_USER\_ID |

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| --- | --- | --- |
| **CR** | **Description** | **Notes** |
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TEMPLATE

VALIDATION

|  |  |  |
| --- | --- | --- |
| **Field** | **Condition** | **Validation Message** |
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ACTION

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