LG전자

그래프(해외)- 그래프(국내) 프로시져 설계서

**STEP**

**문서번호**

**작성자**

**작성일**

**TASK**

**STAGE**

이상훈C

2016.05.03

프로시져 설계서

ED\_진화적 전달

문서 이력

검토

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| 번호 | 검토 일자 | 개정 | 검토자 | 서명 |
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개정 기록

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# 개요

## Definitions

사용자가 원하는 데이터를 추출하기 위하여 지정된 조건을 임의로 입력하여 조회하고 그 결과를 보고서 엑셀파일로 생성하는 작업에 대해 정의한다.

1. 그래프(해외)- 그래프(국내)
2. 그래프(해외)- 그래프(국내) 조회.

## 기본 흐름

1) 가동율 COPY 시트 / 운영CAPA시트

DB2

EXCEL

**8000자 제한으로 인해서 엑셀에서 DB2를 호출 후 엑셀에서 MS-SQL로 적재한다..**

**현재월 이전까지의 데이터는 엑셀로 UPLOAD 한다.**

EXCEL

MS-SQL

**M\_OPSMR\_TB\_OP\_RATE**

**에 적재한다.**

# 그래프(해외)- 그래프(국내)

## Procedure개요

## 2.1.1 m\_opsmr\_sp\_graph\_location

|  |  |
| --- | --- |
| **프로시져 설명** | 그래프(해외)- 그래프(국내) 등을 조회함. |
| **관련 Application** |  |
| **사전 조건** | M\_OPSMR\_TB\_OP\_RATE 적재 |
| **상세 로직** | 1.과거데이타는 엑셀에서 기준월부터는 쿼리로 적재 후 그 결과를 프로시저로 호출하도록 함.  2. m\_opsmr\_sp\_graph\_location 을 실행 후 보고서 생성함.  3. 호출 파라메터    (1) opsmr\_type : 기준/운영 구분  (2) base\_yyyymm : 조회기준일  4. 사용 쿼리  시작년월이 의미가 없어, 제외하고 추후 기준율과 변동율이 바뀌었을 때를 대비하여 기준율과 변동율을 입력받기로 함.  **m\_opsmr\_sp\_graph\_location**  CREATE PROCEDURE [dbo].[m\_opsmr\_sp\_graph\_location]  (  @opsmr\_type VARCHAR(5)  ,@base\_yyyymm VARCHAR(6)  ,@location VARCHAR(30)  )  AS  /\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  1. 프 로 젝 트 : M\_OPSMR  2. 프로그램 ID : m\_opsmr\_sp\_graph\_location  3. 기 능 : DB2 기준가동률 및 운영가동률을 m\_opsmr\_sp\_graph\_location  -- EXEC m\_opsmr\_sp\_graph\_location 'STD', '201603', 'LOCAL'  -- EXEC m\_opsmr\_sp\_graph\_location 'STD', '201603', 'OVERSEA'  4. 관 련 화 면 :  버전 작 성 자 일 자 내 용  ---- --------- ---------- -----------------------------------------------  1.0 shlee 2016.04.12 최초작성  1.1 shlee 2016.04.15 KPI\_TYPE 엑셀개발자 요청에 의해 추가  1.2 shlee 2016.04.21 날짜와 subsidiary/ Product Master적용  1.3 shlee 2016.04.22 계획포함  1.4 shlee 2016.04.25 교차생산 제거  \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/  DECLARE @vc\_pre\_13 AS VARCHAR(6);  DECLARE @vc\_py\_pre\_13 AS VARCHAR(6);  DECLARE @vc\_start\_yyyymm AS VARCHAR(6);  DECLARE @vc\_py\_start\_yyyymm AS VARCHAR(6);  DECLARE @vc\_post\_3 AS VARCHAR(6);  SET NOCOUNT ON  SET @vc\_pre\_13 = CONVERT(VARCHAR(6), DATEADD(m,-12, CONVERT(DATETIME,@base\_yyyymm + '01')), 112); -- 전13월  SET @vc\_py\_pre\_13 = CONVERT(VARCHAR(6), DATEADD(m,-12, CONVERT(DATETIME,@vc\_pre\_13 + '01')), 112); -- 전13월  SET @vc\_start\_yyyymm = SUBSTRING(@base\_yyyymm,1,4)+'01'; -- 누적년시작월 @vc\_start\_yyyymm  SET @vc\_py\_start\_yyyymm = SUBSTRING(@vc\_pre\_13,1,4)+'01'; -- 누적년시작월 @vc\_start\_yyyymm  SET @vc\_post\_3 = CONVERT(VARCHAR(6), DATEADD(m,3, CONVERT(DATETIME,@base\_yyyymm + '01')), 112); -- 전13월  BEGIN  -- 각 월별 실적구간  SELECT '01.월별실적구간' AS kpi\_type  ,prod.display\_name AS prod  ,MIN(prod.display\_enm) as prod\_enm  ,MIN(prod.display\_knm) as prod\_knm  ,kpi\_period\_code  ,CASE WHEN isnull(SUM(a.production\_capa),0) = 0 THEN 0  ELSE SUM(a.production\_quantity) / SUM(a.production\_capa) end AS val  FROM m\_opsmr\_tb\_op\_rate(nolock) a  ,m\_opsmr\_tb\_op\_rate\_prod\_mst(nolock) prod  WHERE a.opsmr\_type = @opsmr\_type  AND a.base\_yyyymm = @base\_yyyymm  AND a.kpi\_period\_code BETWEEN @vc\_pre\_13 AND @vc\_post\_3  AND a.gbu\_code = prod.mapping\_code  AND prod.use\_flag = 'Y'  AND a.factory\_region1 <> 'CROSS(KR)'  AND prod.graph\_yn = 'Y'  AND a.factory\_region1 IN (SELECT mapping\_code FROM m\_opsmr\_tb\_op\_rate\_sub\_mst(nolock) WHERE location = @location)  GROUP BY prod.display\_name  ,kpi\_period\_code  UNION ALL  -- 13개월최고  SELECT '02.13개월최고' AS kpi\_type  ,a.prod AS prod  ,MIN(a.prod\_enm) AS prod\_enm  ,MIN(a.prod\_knm) AS prod\_knm  ,'13개월최고' AS kpi  ,MAX(a.val) AS val  FROM (  SELECT '01.월별실적구간' AS kpi\_type  ,prod.display\_name AS prod  ,MIN(prod.display\_enm) as prod\_enm  ,MIN(prod.display\_knm) as prod\_knm  ,kpi\_period\_code  ,CASE WHEN isnull(SUM(a.production\_capa),0) = 0 THEN 0  ELSE SUM(a.production\_quantity) / SUM(a.production\_capa) end AS val  FROM m\_opsmr\_tb\_op\_rate(nolock) a  ,m\_opsmr\_tb\_op\_rate\_prod\_mst(nolock) prod  WHERE a.opsmr\_type = @opsmr\_type  AND a.base\_yyyymm = @base\_yyyymm  AND a.kpi\_period\_code BETWEEN @vc\_pre\_13 AND @base\_yyyymm  AND a.gbu\_code = prod.mapping\_code  AND prod.use\_flag = 'Y'  AND a.factory\_region1 <> 'CROSS(KR)'  AND prod.graph\_yn = 'Y'  AND a.factory\_region1 IN (SELECT mapping\_code FROM m\_opsmr\_tb\_op\_rate\_sub\_mst(nolock) WHERE location = @location)  GROUP BY prod.display\_name  ,kpi\_period\_code  ) a  GROUP BY a.prod  UNION ALL  -- 01월부터 기준월까지  SELECT '03.01월부터 기준월까지' AS kpi\_type  ,prod.display\_name AS prod  ,MIN(prod.display\_enm) as prod\_enm  ,MIN(prod.display\_knm) as prod\_knm  ,SUBSTRING(@vc\_start\_yyyymm,5,2)+'~'+SUBSTRING(@base\_yyyymm,5,2) AS kpi  ,CASE WHEN isnull(sum(a.production\_capa),0) = 0 THEN 0  ELSE sum(a.production\_quantity) / sum(a.production\_capa) END AS val  FROM m\_opsmr\_tb\_op\_rate(nolock) a  ,m\_opsmr\_tb\_op\_rate\_prod\_mst(nolock) prod  WHERE a.opsmr\_type = @opsmr\_type  AND a.base\_yyyymm = @base\_yyyymm  AND a.kpi\_period\_code BETWEEN @vc\_start\_yyyymm AND @base\_yyyymm  AND a.gbu\_code = prod.mapping\_code  AND prod.use\_flag = 'Y'  AND a.factory\_region1 <> 'CROSS(KR)'  AND prod.graph\_yn = 'Y'  AND a.factory\_region1 IN (SELECT mapping\_code FROM m\_opsmr\_tb\_op\_rate\_sub\_mst(nolock) WHERE location = @location)  GROUP BY prod.display\_name  UNION ALL  -- 13개월누적  SELECT '04.13개월누적' AS kpi\_type  ,prod.display\_name AS prod  ,MIN(prod.display\_enm) as prod\_enm  ,MIN(prod.display\_knm) as prod\_knm  ,'13개월누적' AS kpi  ,CASE WHEN isnull(sum(a.production\_capa),0) = 0 THEN 0  ELSE sum(a.production\_quantity) / sum(a.production\_capa) END AS val  FROM m\_opsmr\_tb\_op\_rate(nolock) a  ,m\_opsmr\_tb\_op\_rate\_prod\_mst(nolock) prod  WHERE a.opsmr\_type = @opsmr\_type  AND a.base\_yyyymm = @base\_yyyymm  AND a.kpi\_period\_code BETWEEN @vc\_pre\_13 AND @base\_yyyymm  AND a.gbu\_code = prod.mapping\_code  AND prod.use\_flag = 'Y'  AND a.factory\_region1 <> 'CROSS(KR)'  AND prod.graph\_yn = 'Y'  AND a.factory\_region1 IN (SELECT mapping\_code FROM m\_opsmr\_tb\_op\_rate\_sub\_mst(nolock) WHERE location = @location)  GROUP BY prod.display\_name  UNION ALL  -- 전년대비 현재월까지 생산수량  SELECT '05.전년대비 현재월까지 생산수량' AS kpi\_type  ,a.prod  ,a.prod\_enm  ,a.prod\_knm  ,'전년대비 현재월까지 생산수량' AS kpi  ,sum(a.val1) - sum(a.val2) AS val  FROM (  -- 01월부터 기준월까지  SELECT prod.display\_name AS prod  ,MIN(prod.display\_enm) as prod\_enm  ,MIN(prod.display\_knm) as prod\_knm  ,sum(a.production\_quantity) AS val1  ,0 AS val2  FROM m\_opsmr\_tb\_op\_rate(nolock) a  ,m\_opsmr\_tb\_op\_rate\_prod\_mst(nolock) prod  WHERE a.opsmr\_type = @opsmr\_type  AND a.base\_yyyymm = @base\_yyyymm  AND a.kpi\_period\_code BETWEEN @vc\_start\_yyyymm AND @base\_yyyymm  AND a.gbu\_code = prod.mapping\_code  AND prod.use\_flag = 'Y'  AND a.factory\_region1 <> 'CROSS(KR)'  AND prod.graph\_yn = 'Y'  AND a.factory\_region1 IN (SELECT mapping\_code FROM m\_opsmr\_tb\_op\_rate\_sub\_mst(nolock) WHERE location = @location)  GROUP BY prod.display\_name  UNION ALL  -- 전년01월부터 기준월까지  SELECT prod.display\_name AS prod  ,MIN(prod.display\_enm) as prod\_enm  ,MIN(prod.display\_knm) as prod\_knm  ,0 AS val1  ,sum(a.production\_quantity) AS val2  FROM m\_opsmr\_tb\_op\_rate(nolock) a  ,m\_opsmr\_tb\_op\_rate\_prod\_mst(nolock) prod  WHERE a.opsmr\_type = @opsmr\_type  AND a.base\_yyyymm = @base\_yyyymm  AND a.kpi\_period\_code BETWEEN @vc\_py\_start\_yyyymm AND @vc\_pre\_13  AND a.gbu\_code = prod.mapping\_code  AND prod.use\_flag = 'Y'  AND a.factory\_region1 <> 'CROSS(KR)'  AND prod.graph\_yn = 'Y'  AND a.factory\_region1 IN (SELECT mapping\_code FROM m\_opsmr\_tb\_op\_rate\_sub\_mst(nolock) WHERE location = @location)  GROUP BY prod.display\_name  ) a  GROUP BY a.prod  ,a.prod\_enm  ,a.prod\_knm  UNION ALL  -- 전년13개월누적  SELECT '051.전년기준월누적' AS kpi\_type  ,prod.display\_name AS prod  ,MIN(prod.display\_enm) as prod\_enm  ,MIN(prod.display\_knm) as prod\_knm  ,'전년기준월누적' AS kpi  ,CASE WHEN isnull(sum(a.production\_capa),0) = 0 THEN 0  ELSE sum(a.production\_quantity) / sum(a.production\_capa) END AS val  FROM m\_opsmr\_tb\_op\_rate(nolock) a  ,m\_opsmr\_tb\_op\_rate\_prod\_mst(nolock) prod  WHERE a.opsmr\_type = @opsmr\_type  AND a.base\_yyyymm = @base\_yyyymm  AND a.kpi\_period\_code BETWEEN @vc\_py\_start\_yyyymm AND @vc\_pre\_13  AND a.gbu\_code = prod.mapping\_code  AND prod.use\_flag = 'Y'  AND a.factory\_region1 <> 'CROSS(KR)'  AND prod.graph\_yn = 'Y'  AND a.factory\_region1 IN (SELECT mapping\_code FROM m\_opsmr\_tb\_op\_rate\_sub\_mst(nolock) WHERE location = @location)  GROUP BY prod.display\_name  UNION ALL  -- 전년13개월누적  SELECT '06.전년13개월누적' AS kpi\_type  ,prod.display\_name AS prod  ,MIN(prod.display\_enm) as prod\_enm  ,MIN(prod.display\_knm) as prod\_knm  ,'전년13개월' AS kpi  ,CASE WHEN isnull(sum(a.production\_capa),0) = 0 THEN 0  ELSE sum(a.production\_quantity) / sum(a.production\_capa) END AS val  FROM m\_opsmr\_tb\_op\_rate(nolock) a  ,m\_opsmr\_tb\_op\_rate\_prod\_mst(nolock) prod  WHERE a.opsmr\_type = @opsmr\_type  AND a.base\_yyyymm = @base\_yyyymm  AND a.kpi\_period\_code BETWEEN @vc\_py\_pre\_13 AND @vc\_pre\_13  AND a.gbu\_code = prod.mapping\_code  AND prod.use\_flag = 'Y'  AND a.factory\_region1 <> 'CROSS(KR)'  AND prod.graph\_yn = 'Y'  AND a.factory\_region1 IN (SELECT mapping\_code FROM m\_opsmr\_tb\_op\_rate\_sub\_mst(nolock) WHERE location = @location)  GROUP BY prod.display\_name  UNION ALL  -- 13개월 전년대비 rate  SELECT '07.13개월 전년대비 rate' AS kpi\_type  ,a.prod  ,a.prod\_enm  ,a.prod\_knm  ,'전년대비 13개월' AS kpi  ,sum(a.val1) - sum(a.val2) AS val  FROM (  -- 13개월누적  SELECT prod.display\_name AS prod  ,MIN(prod.display\_enm) as prod\_enm  ,MIN(prod.display\_knm) as prod\_knm  ,'13개월누적' AS kpi  ,CASE WHEN isnull(sum(a.production\_capa),0) = 0 THEN 0  ELSE sum(a.production\_quantity) / sum(a.production\_capa) END AS val1  ,0 AS val2  FROM m\_opsmr\_tb\_op\_rate(nolock) a  ,m\_opsmr\_tb\_op\_rate\_prod\_mst(nolock) prod  WHERE a.opsmr\_type = @opsmr\_type  AND a.base\_yyyymm = @base\_yyyymm  AND a.kpi\_period\_code BETWEEN @vc\_pre\_13 AND @base\_yyyymm  AND a.gbu\_code = prod.mapping\_code  AND prod.use\_flag = 'Y'  AND a.factory\_region1 <> 'CROSS(KR)'  AND prod.graph\_yn = 'Y'  AND a.factory\_region1 IN (SELECT mapping\_code FROM m\_opsmr\_tb\_op\_rate\_sub\_mst(nolock) WHERE location = @location)  GROUP BY prod.display\_name  UNION ALL  -- 전년13개월누적  SELECT prod.display\_name AS prod  ,MIN(prod.display\_enm) as prod\_enm  ,MIN(prod.display\_knm) as prod\_knm  ,'전년13개월' AS kpi  ,0 AS val1  ,CASE WHEN isnull(sum(a.production\_capa),0) = 0 THEN 0  ELSE sum(a.production\_quantity) / sum(a.production\_capa) END AS val2  FROM m\_opsmr\_tb\_op\_rate(nolock) a  ,m\_opsmr\_tb\_op\_rate\_prod\_mst(nolock) prod  WHERE a.opsmr\_type = @opsmr\_type  AND a.base\_yyyymm = @base\_yyyymm  AND a.kpi\_period\_code BETWEEN @vc\_py\_pre\_13 AND @vc\_pre\_13  AND a.gbu\_code = prod.mapping\_code  AND prod.use\_flag = 'Y'  AND a.factory\_region1 <> 'CROSS(KR)'  AND prod.graph\_yn = 'Y'  AND a.factory\_region1 IN (SELECT mapping\_code FROM m\_opsmr\_tb\_op\_rate\_sub\_mst(nolock) WHERE location = @location)  GROUP BY prod.display\_name  ) a  GROUP BY a.prod  ,a.prod\_enm  ,a.prod\_knm  UNION ALL  -- 01월부터 기준월까지 수량  SELECT '08.01월부터 기준월까지 수량' AS kpi\_type  ,prod.display\_name AS prod  ,MIN(prod.display\_enm) as prod\_enm  ,MIN(prod.display\_knm) as prod\_knm  ,SUBSTRING(@vc\_start\_yyyymm,5,2)+'~'+SUBSTRING(@base\_yyyymm,5,2)+'수량' AS kpi  ,sum(production\_quantity) AS val  FROM m\_opsmr\_tb\_op\_rate(nolock) a  ,m\_opsmr\_tb\_op\_rate\_prod\_mst(nolock) prod  WHERE a.opsmr\_type = @opsmr\_type  AND a.base\_yyyymm = @base\_yyyymm  AND a.kpi\_period\_code BETWEEN @vc\_start\_yyyymm AND @base\_yyyymm  AND a.gbu\_code = prod.mapping\_code  AND prod.use\_flag = 'Y'  AND a.factory\_region1 <> 'CROSS(KR)'  AND prod.graph\_yn = 'Y'  AND a.factory\_region1 IN (SELECT mapping\_code FROM m\_opsmr\_tb\_op\_rate\_sub\_mst(nolock) WHERE location = @location)  GROUP BY prod.display\_name  UNION ALL  --  SELECT '09.01월부터 기준월까지 수량 전년대비' AS kpi\_type  ,a.prod  ,a.prod\_enm  ,a.prod\_knm  ,'현재월까지 전년대비수량' AS kpi  ,CASE WHEN isnull( sum(a.val2),0) - ISNULL(sum(a.val1),0 ) = 0 THEN 0  ELSE sum(a.val1) / (isnull( sum(a.val2),0) - ISNULL(sum(a.val1),0 )) END AS val  FROM (  SELECT '05.전년대비 현재월까지 생산수량' AS kpi\_type  ,a.prod  ,a.prod\_enm  ,a.prod\_knm  ,'전년대비 현재월까지 생산수량' AS kpi  ,sum(a.val1) - sum(a.val2) AS val1  ,0 AS val2  FROM (  -- 01월부터 기준월까지  SELECT prod.display\_name AS prod  ,MIN(prod.display\_enm) as prod\_enm  ,MIN(prod.display\_knm) as prod\_knm  ,sum(a.production\_quantity) AS val1  ,0 AS val2  FROM m\_opsmr\_tb\_op\_rate(nolock) a  ,m\_opsmr\_tb\_op\_rate\_prod\_mst(nolock) prod  WHERE a.opsmr\_type = @opsmr\_type  AND a.base\_yyyymm = @base\_yyyymm  AND a.kpi\_period\_code BETWEEN @vc\_start\_yyyymm AND @base\_yyyymm  AND a.gbu\_code = prod.mapping\_code  AND prod.use\_flag = 'Y'  AND a.factory\_region1 <> 'CROSS(KR)'  AND prod.graph\_yn = 'Y'  AND a.factory\_region1 IN (SELECT mapping\_code FROM m\_opsmr\_tb\_op\_rate\_sub\_mst(nolock) WHERE location = @location)  GROUP BY prod.display\_name    UNION ALL  -- 전년01월부터 기준월까지  SELECT prod.display\_name AS prod  ,MIN(prod.display\_enm) as prod\_enm  ,MIN(prod.display\_knm) as prod\_knm  ,0 AS val1  ,sum(a.production\_quantity) AS val2  FROM m\_opsmr\_tb\_op\_rate(nolock) a  ,m\_opsmr\_tb\_op\_rate\_prod\_mst(nolock) prod  WHERE a.opsmr\_type = @opsmr\_type  AND a.base\_yyyymm = @base\_yyyymm  AND a.kpi\_period\_code BETWEEN @vc\_py\_start\_yyyymm AND @vc\_pre\_13  AND a.gbu\_code = prod.mapping\_code  AND prod.use\_flag = 'Y'  AND a.factory\_region1 <> 'CROSS(KR)'  AND prod.graph\_yn = 'Y'  AND a.factory\_region1 IN (SELECT mapping\_code FROM m\_opsmr\_tb\_op\_rate\_sub\_mst(nolock) WHERE location = @location)  GROUP BY prod.display\_name    ) a  GROUP BY a.prod  ,a.prod\_enm  ,a.prod\_knm  UNION ALL  -- 01월부터 기준월까지 수량  SELECT '08.01월부터 기준월까지 수량' AS kpi\_type  ,prod.display\_name AS prod  ,MIN(prod.display\_enm) as prod\_enm  ,MIN(prod.display\_knm) as prod\_knm  ,SUBSTRING(@vc\_start\_yyyymm,5,2)+'~'+SUBSTRING(@base\_yyyymm,5,2)+'수량' AS kpi  ,0 AS val1  ,sum(production\_quantity) AS val2  FROM m\_opsmr\_tb\_op\_rate(nolock) a  ,m\_opsmr\_tb\_op\_rate\_prod\_mst(nolock) prod  WHERE a.opsmr\_type = @opsmr\_type  AND a.base\_yyyymm = @base\_yyyymm  AND a.kpi\_period\_code BETWEEN @vc\_start\_yyyymm AND @base\_yyyymm  AND a.gbu\_code = prod.mapping\_code  AND prod.use\_flag = 'Y'  AND a.factory\_region1 <> 'CROSS(KR)'  AND prod.graph\_yn = 'Y'  AND a.factory\_region1 IN (SELECT mapping\_code FROM m\_opsmr\_tb\_op\_rate\_sub\_mst(nolock) WHERE location = @location)  GROUP BY prod.display\_name  ) a  GROUP BY a.prod  ,a.prod\_enm  ,a.prod\_knm  UNION ALL  -- 13개월누적  SELECT '10.13개월누적' AS kpi\_type  ,prod.display\_name AS prod  ,MIN(prod.display\_enm) as prod\_enm  ,MIN(prod.display\_knm) as prod\_knm  ,'13개월수량' AS kpi  ,sum(a.production\_quantity)/1000 AS val  FROM m\_opsmr\_tb\_op\_rate(nolock) a  ,m\_opsmr\_tb\_op\_rate\_prod\_mst(nolock) prod  WHERE a.opsmr\_type = @opsmr\_type  AND a.base\_yyyymm = @base\_yyyymm  AND a.kpi\_period\_code BETWEEN @vc\_pre\_13 AND @base\_yyyymm  AND a.gbu\_code = prod.mapping\_code  AND prod.use\_flag = 'Y'  AND a.factory\_region1 <> 'CROSS(KR)'  AND prod.graph\_yn = 'Y'  AND a.factory\_region1 IN (SELECT mapping\_code FROM m\_opsmr\_tb\_op\_rate\_sub\_mst(nolock) WHERE location = @location)  GROUP BY prod.display\_name  UNION ALL  -- 전년13개월누적  SELECT '11.전년13개월누적' AS kpi\_type  ,prod.display\_name AS prod  ,MIN(prod.display\_enm) as prod\_enm  ,MIN(prod.display\_knm) as prod\_knm  ,'전년13개월수량' AS kpi  ,sum(production\_quantity)/1000 AS val  FROM m\_opsmr\_tb\_op\_rate(nolock) a  ,m\_opsmr\_tb\_op\_rate\_prod\_mst(nolock) prod  WHERE a.opsmr\_type = @opsmr\_type  AND a.base\_yyyymm = @base\_yyyymm  AND a.kpi\_period\_code BETWEEN @vc\_py\_pre\_13 AND @vc\_pre\_13  AND a.gbu\_code = prod.mapping\_code  AND prod.use\_flag = 'Y'  AND a.factory\_region1 <> 'CROSS(KR)'  AND prod.graph\_yn = 'Y'  AND a.factory\_region1 IN (SELECT mapping\_code FROM m\_opsmr\_tb\_op\_rate\_sub\_mst(nolock) WHERE location = @location)  GROUP BY prod.display\_name  UNION ALL  SELECT '12.전년13개월수량' AS kpi\_type  ,a.prod  ,a.prod\_enm  ,a.prod\_knm  ,'전년대비 13개월수량' AS kpi  ,sum(a.val1) - sum(a.val2) AS val  FROM (  -- 13개월누적  SELECT prod.display\_name AS prod  ,MIN(prod.display\_enm) as prod\_enm  ,MIN(prod.display\_knm) as prod\_knm  ,sum(a.production\_quantity)/1000 AS val1  ,0 AS val2  FROM m\_opsmr\_tb\_op\_rate(nolock) a  ,m\_opsmr\_tb\_op\_rate\_prod\_mst(nolock) prod  WHERE a.opsmr\_type = @opsmr\_type  AND a.base\_yyyymm = @base\_yyyymm  AND a.kpi\_period\_code BETWEEN @vc\_pre\_13 AND @base\_yyyymm  AND a.gbu\_code = prod.mapping\_code  AND prod.use\_flag = 'Y'  AND a.factory\_region1 <> 'CROSS(KR)'  AND prod.graph\_yn = 'Y'  AND a.factory\_region1 IN (SELECT mapping\_code FROM m\_opsmr\_tb\_op\_rate\_sub\_mst(nolock) WHERE location = @location)  GROUP BY prod.display\_name  UNION ALL  -- 전년13개월누적  SELECT prod.display\_name AS prod  ,MIN(prod.display\_enm) as prod\_enm  ,MIN(prod.display\_knm) as prod\_knm  ,0 AS val1  ,sum(A.production\_quantity)/1000 AS val2  FROM m\_opsmr\_tb\_op\_rate(nolock) a  ,m\_opsmr\_tb\_op\_rate\_prod\_mst(nolock) prod  WHERE a.opsmr\_type = @opsmr\_type  AND a.kpi\_period\_code BETWEEN @vc\_py\_pre\_13 AND @vc\_pre\_13  AND a.gbu\_code = prod.mapping\_code  AND prod.use\_flag = 'Y'  AND a.factory\_region1 <> 'CROSS(KR)'  AND prod.graph\_yn = 'Y'  AND a.factory\_region1 IN (SELECT mapping\_code FROM m\_opsmr\_tb\_op\_rate\_sub\_mst(nolock) WHERE location = @location)  GROUP BY prod.display\_name  ) a  GROUP BY a.prod  ,a.prod\_enm  ,a.prod\_knm  -- 주석처리 하였습니다 : KJH(20160502)  --UNION ALL  ---- 주요제품 기준월 기준가동율  --SELECT '13.주요제품 기준월 기준가동율' AS kpi\_type  -- ,prod.display\_name AS prod  -- ,MIN(prod.display\_enm) as prod\_enm  -- ,MIN(prod.display\_knm) as prod\_knm  -- ,'주요제품 기준월 기준가동율' AS kpi  -- ,CASE WHEN isnull(SUM(a.production\_capa),0) = 0 THEN 0  -- ELSE SUM(a.production\_quantity) / SUM(a.production\_capa) end AS val  --FROM m\_opsmr\_tb\_op\_rate(nolock) a  -- ,m\_opsmr\_tb\_op\_rate\_prod\_mst(nolock) prod  --WHERE a.opsmr\_type = @opsmr\_type  --AND a.base\_yyyymm = @base\_yyyymm  --AND a.kpi\_period\_code = @base\_yyyymm  --AND a.gbu\_code = prod.mapping\_code  --AND prod.use\_flag = 'Y'  --AND a.factory\_region1 <> 'CROSS(KR)'  --AND prod.graph\_yn = 'Y'  --AND a.factory\_region1 IN (SELECT mapping\_code FROM m\_opsmr\_tb\_op\_rate\_sub\_mst(nolock) WHERE location = @location)  --GROUP BY prod.display\_name  UNION ALL  -- 주요제품 기준월 운영가동율  SELECT '14.주요제품 기준월 운영가동율' AS kpi\_type  ,prod AS prod  ,MIN(a.prod\_enm) as prod\_enm  ,MIN(a.prod\_knm) as prod\_knm  ,'주요제품 기준월 운영가동율' AS kpi  ,CASE WHEN isnull(SUM(a.val2),0) = 0 THEN 0  ELSE SUM(a.val1) / SUM(a.val2) end AS val  FROM (  SELECT prod.display\_name AS prod  ,MIN(prod.display\_enm) as prod\_enm  ,MIN(prod.display\_knm) as prod\_knm  ,SUM(a.production\_quantity) AS val1  ,0 AS val2  FROM m\_opsmr\_tb\_op\_rate(nolock) a  ,m\_opsmr\_tb\_op\_rate\_prod\_mst(nolock) prod  WHERE a.opsmr\_type = 'STD'  AND a.base\_yyyymm = @base\_yyyymm  AND a.kpi\_period\_code = @base\_yyyymm  AND a.gbu\_code = prod.mapping\_code  AND prod.use\_flag = 'Y'  AND a.factory\_region1 <> 'CROSS(KR)'  AND prod.graph\_yn = 'Y'  AND a.factory\_region1 IN (SELECT mapping\_code FROM m\_opsmr\_tb\_op\_rate\_sub\_mst(nolock) WHERE location = @location)  GROUP BY prod.display\_name  UNION ALL  SELECT prod.display\_name AS prod  ,MIN(prod.display\_enm) as prod\_enm  ,MIN(prod.display\_knm) as prod\_knm  ,0 AS val1  ,SUM(a.actual\_production\_capa) AS val2  FROM m\_opsmr\_tb\_op\_rate(nolock) a  ,m\_opsmr\_tb\_op\_rate\_prod\_mst(nolock) prod  WHERE a.opsmr\_type = 'PROD'  AND a.base\_yyyymm = @base\_yyyymm  AND a.kpi\_period\_code = @base\_yyyymm  AND a.gbu\_code = prod.mapping\_code  AND prod.use\_flag = 'Y'  AND a.factory\_region1 <> 'CROSS(KR)'  AND prod.graph\_yn = 'Y'  AND a.factory\_region1 IN (SELECT mapping\_code FROM m\_opsmr\_tb\_op\_rate\_sub\_mst(nolock) WHERE location = @location)  GROUP BY prod.display\_name  ) A  GROUP BY prod  /\*  UNION ALL  -- 13개월누적  SELECT '15.교차생산 13개월누적' AS kpi\_type  ,prod.display\_name AS prod  ,MIN(prod.display\_enm) as prod\_enm  ,MIN(prod.display\_knm) as prod\_knm  ,'교차생산 13개월누적' AS kpi  ,CASE WHEN isnull(sum(a.production\_capa),0) = 0 THEN 0  ELSE sum(a.production\_quantity) / sum(a.production\_capa) END AS val  FROM m\_opsmr\_tb\_op\_rate(nolock) a  ,m\_opsmr\_tb\_op\_rate\_prod\_mst(nolock) prod  WHERE a.opsmr\_type = @opsmr\_type  AND a.base\_yyyymm = @base\_yyyymm  AND a.kpi\_period\_code BETWEEN @vc\_pre\_13 AND @base\_yyyymm  AND a.factory\_region1 = 'CROSS(KR)'  AND a.gbu\_code = prod.mapping\_code  AND prod.use\_flag = 'Y'  AND a.factory\_region1 IN (SELECT mapping\_code FROM m\_opsmr\_tb\_op\_rate\_sub\_mst(nolock) WHERE location = @location)  GROUP BY prod.display\_name  UNION ALL  -- 교차생산 기준가동율  SELECT '16.교차생산 기준가동율' AS kpi\_type  ,prod.display\_name AS prod  ,MIN(prod.display\_enm) as prod\_enm  ,MIN(prod.display\_knm) as prod\_knm  ,'교차생산 당월' AS kpi  ,CASE WHEN isnull(SUM(a.production\_capa),0) = 0 THEN 0  ELSE SUM(a.production\_quantity) / SUM(a.production\_capa) end AS val  FROM m\_opsmr\_tb\_op\_rate(nolock) a  ,m\_opsmr\_tb\_op\_rate\_prod\_mst(nolock) prod  WHERE a.opsmr\_type = @opsmr\_type  AND a.base\_yyyymm = @base\_yyyymm  AND a.kpi\_period\_code = @base\_yyyymm  AND a.factory\_region1 = 'CROSS(KR)'  AND a.gbu\_code = prod.mapping\_code  AND prod.use\_flag = 'Y'  AND a.factory\_region1 IN (SELECT mapping\_code FROM m\_opsmr\_tb\_op\_rate\_sub\_mst(nolock) WHERE location = @location)  GROUP BY prod.display\_name  \*/  ;  END |
| **오퍼레이션** |  |
| **에러처리** | 에러 발생시 프로그램 내에서 처리하지 않고 공통모듈 프로그램에서 처리함 |
| **사후 조건** |  |

## 

## 2.2 Return Value

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Argument | Prompt | Value Set | Default Type | Default Value | Option |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

## 

## 2.3 Table and View Usage

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Table Name | Select | Insert | Update | Delete |
| M\_OPSMR\_TB\_OP\_RATE | Y |  |  |  |
| M\_OPSMR\_TB\_OP\_RATE\_PROD\_MST | Y |  |  |  |
| M\_OPSMR\_TB\_OP\_RATE\_SUB\_MST | Y |  |  |  |
|  |  |  |  |  |