



Project – RVPN
Project Report_Actual Expenditure vs MAS
vs WIP



Rajasthan Rajya Vidyut Prasaran Nigam Ltd.

PROJECT REPORT_ACTUAL
EXPENDITURE VS MAS VS WIP





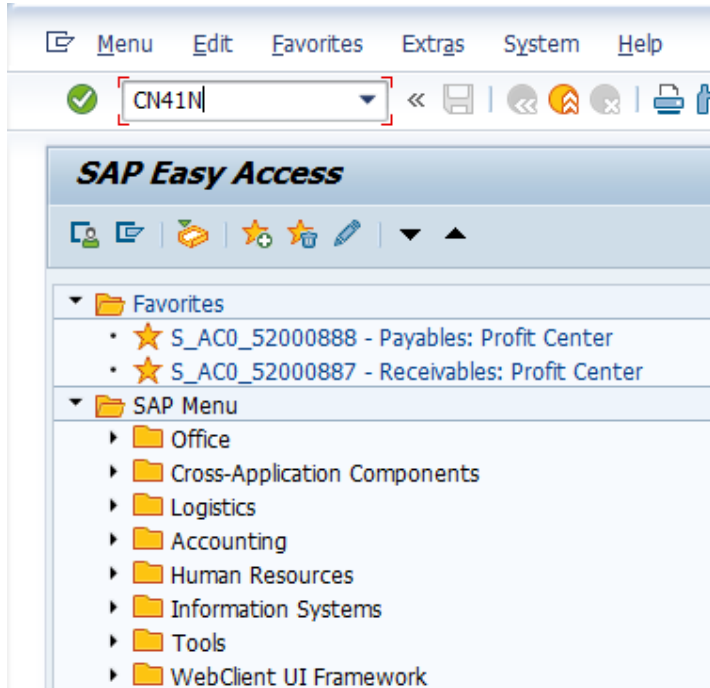
1.1. Project Report_Actual Expenditure vs MAS vs WIP

This document explains about to know the number of available projects in a plant, Actual Expenditure vs Material at Site (MAS) vs Work in Process (WIP).

1.1.1. SAP Easy Access

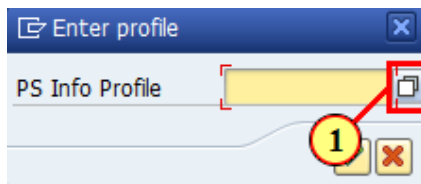
This process explains about to know the number of projects in a plant using


Transaction Code: **CN41N**



Step	Action
(1)	Enter Transaction Code: CN41N at the command prompt and click on Enter

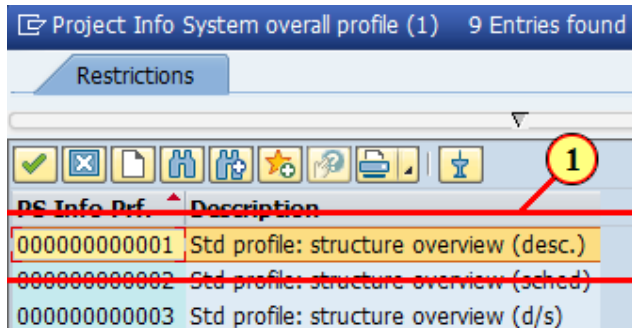
1.1.2. Enter profile



Step	Action
(1)	Click on search option for PS Info Profile  , opens a dropdown list with valid values.

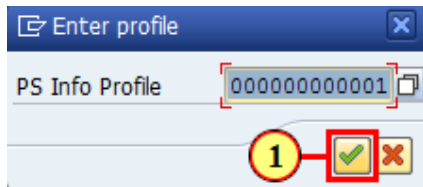


1.1.3. Project Info System overall profile (1) 9 Entries found



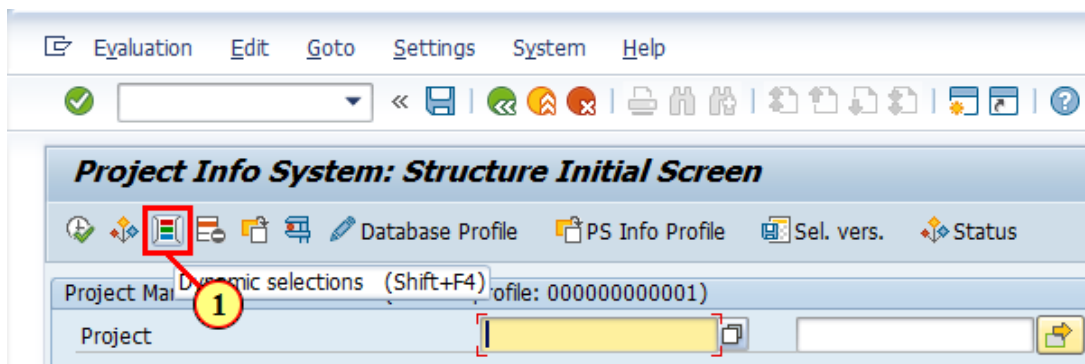
Step	Action
(1)	Select 000000000001 Std profile: structure overview (desc.) and double on it.

1.1.4. Enter profile



Step	Action
(1)	Click Continue . You can also press Enter .

1.1.5. Project Info System: Structure Initial Screen






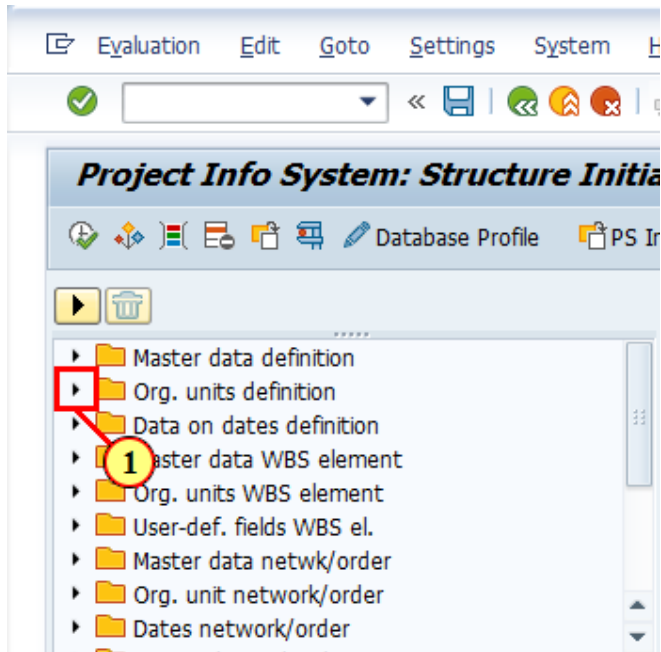
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Step	Action
(1)	Click on Dynamic selections  icon to enter specific plant. You can also press Shift+F4 .

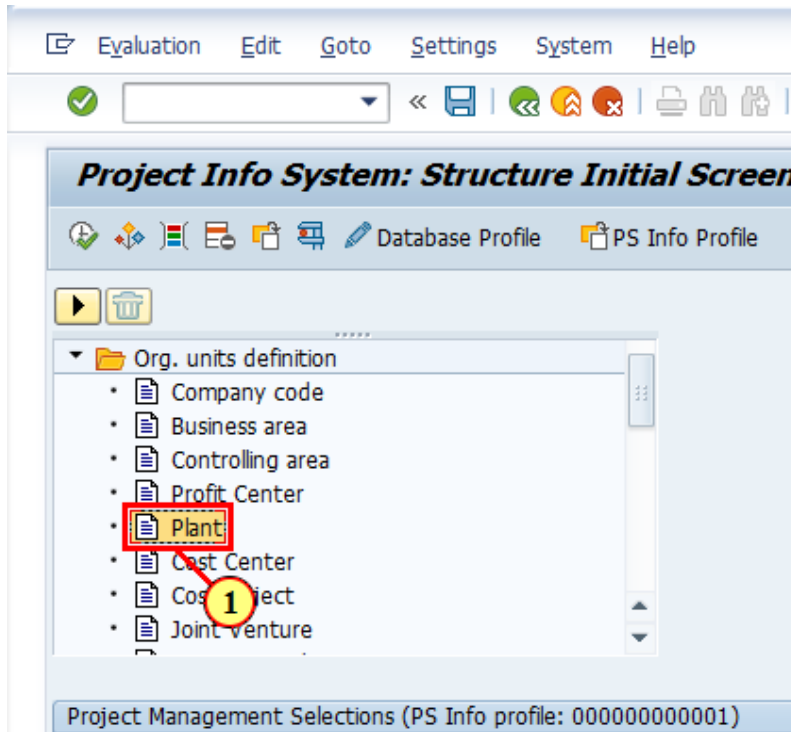
1.1.6. Project Info System: Structure Initial Screen

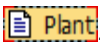


Step	Action
(1)	Click on ▶ at Org. units definition .



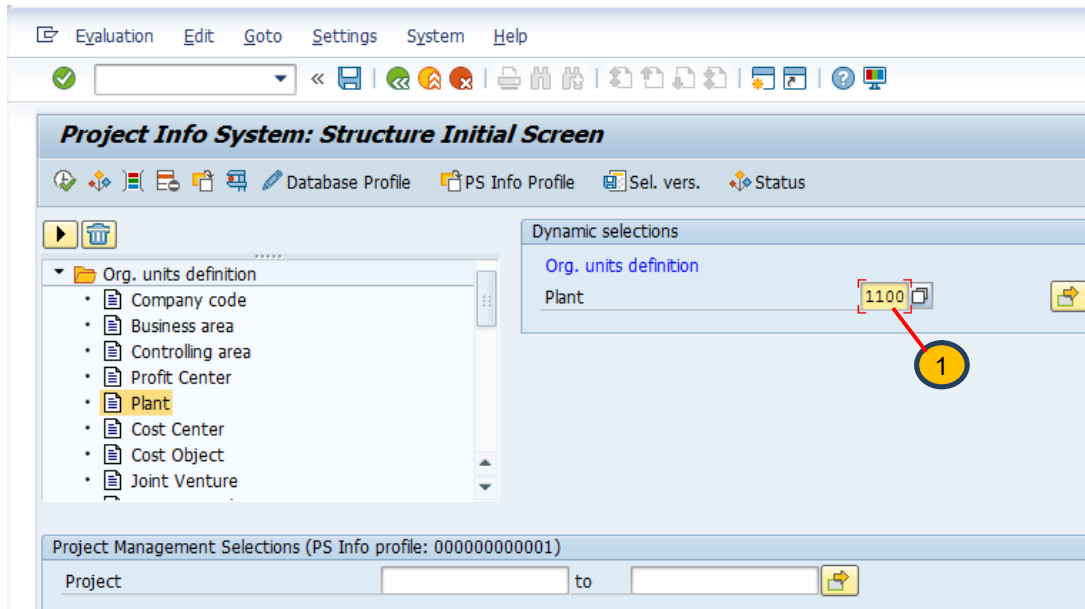
1.1.7. Project Info System: Structure Initial Screen



Step	Action
(1)	Double click on Plant 

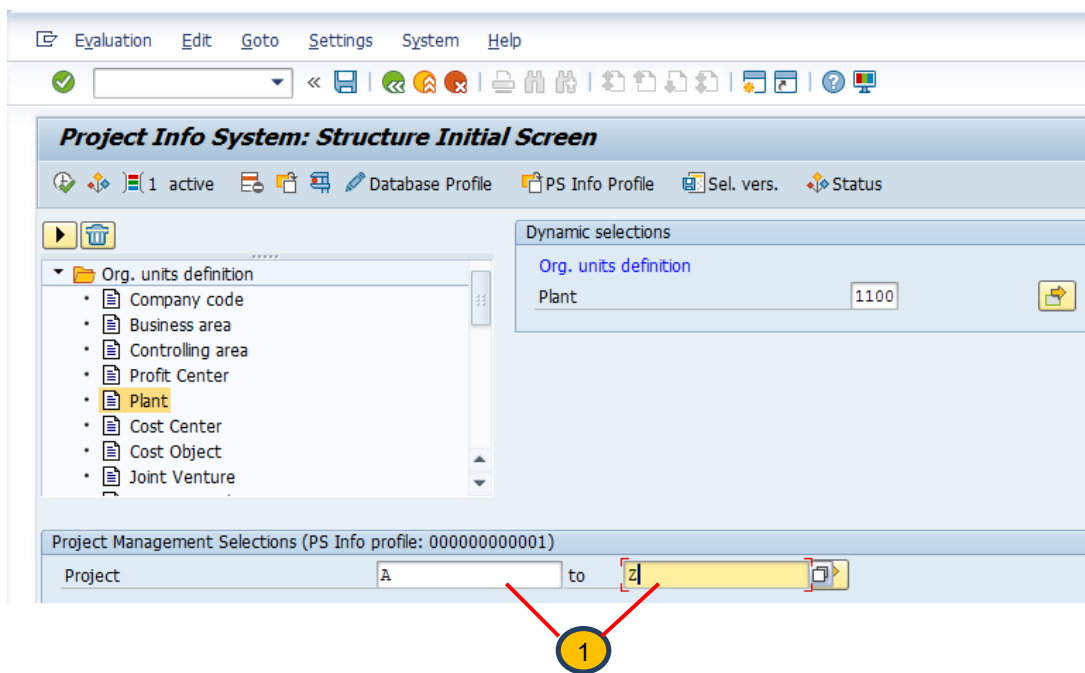


1.1.8. Project Info System: Structure Initial Screen



Step	Action
(1)	Enter Plant: 1100 and click on Enter .

1.1.9. Project Info System: Structure Initial Screen



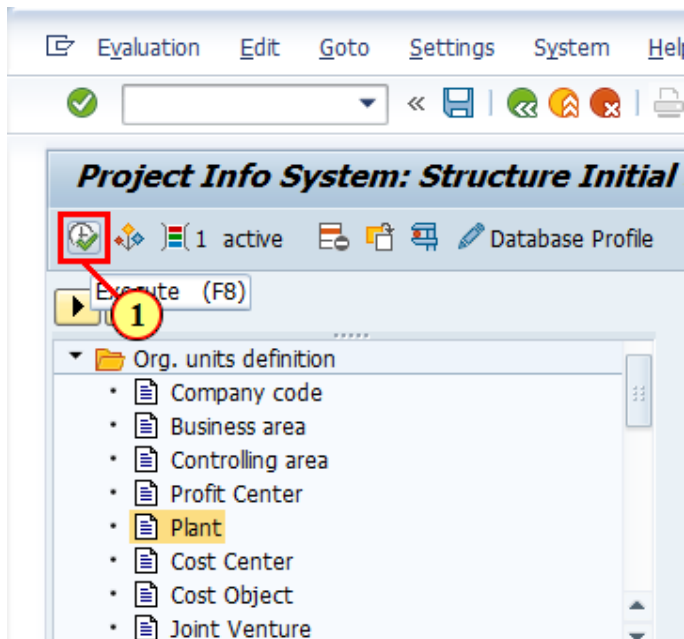



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Step	Action
(1)	Enter project range from “A” to “Z” and click on Enter.

1.1.10. Project Info System: Structure Initial Screen




Step	Action
(1)	Click on Execute  . You can also press F8 .



1.1.11. Project Info System: Structure Initial Screen

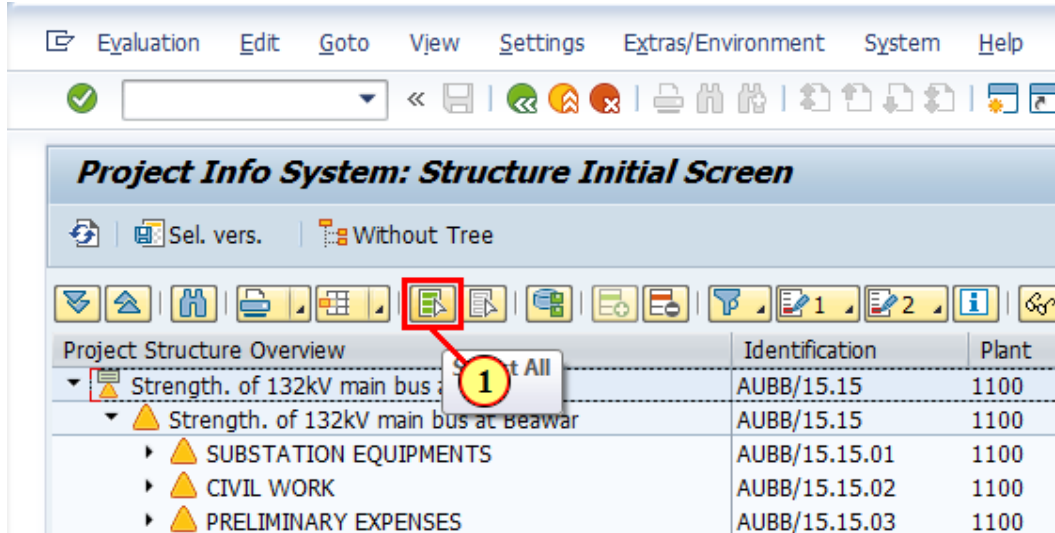
Project Structure Overview	Identification	Plant
▶ PRELIMINARY EXPENSES	RMUP/AJ.15.56.04	1100
▼ RMU Phase-II (132 KV GSS Saradhana)	RMUP/AJ.15.72	1100
▼ ▶ RMU Phase-II (132 KV GSS Saradhana)	RMUP/AJ.15.72	1100
▶ SUBSTATION EQUIPMENTS	RMUP/AJ.15.72.01	1100
▶ CIVIL WORKS	RMUP/AJ.15.72.02	1100
▶ PLCC EQUIPMENTS	RMUP/AJ.15.72.03	1100
▶ PRELIMINARY EXPENSES	RMUP/AJ.15.72.04	1100
▼ RMU Phase-II (132 KV GSS MDS University)	RMUP/AJ.15.84	1100
▼ ▶ RMU Phase-II (132 KV GSS MDS University)	RMUP/AJ.15.84	1100
▶ SUBSTATION EQUIPMENTS	RMUP/AJ.15.84.01	1100
▶ CIVIL WORKS	RMUP/AJ.15.84.02	1100
▶ PLCC EQUIPMENTS	RMUP/AJ.15.84.03	1100
▶ PRELIMINARY EXPENSES	RMUP/AJ.15.84.04	1100


Step	Action
(1)	Project definition and its WBS element structure will be displayed as shown above after click on Execute  icon.



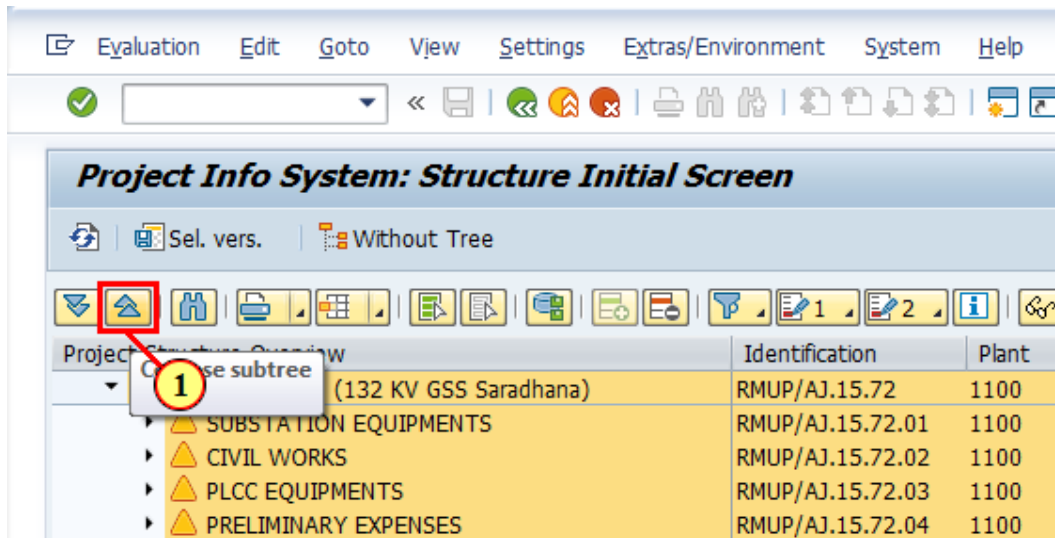
1.1.12. Project Info System: Structure Initial Screen


Following is the process to display the projects by collapsing WBS Element structure.



Step	Action
(1)	Click on Select All  Icon.

1.1.13. Project Info System: Structure Initial Screen



Step	Action
(1)	Click on COLLAPSE SUBTREE  Icon.

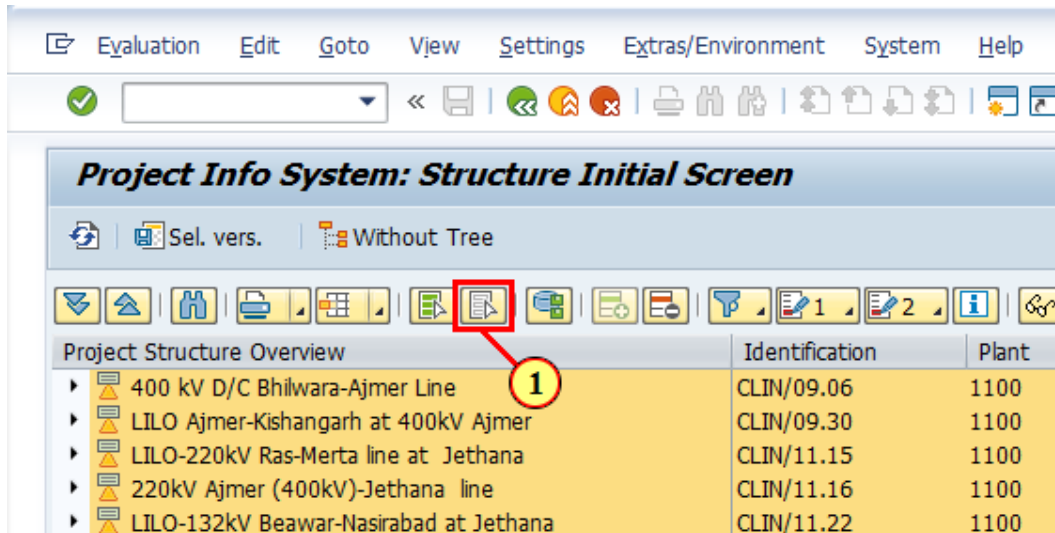



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Step	Action
(2)	System displays only the Project numbers and its description by collapsing the WBS Element structure.

1.1.14. Project Info System: Structure Initial Screen



Step	Action
(1)	Click on Deselect All  Icon to deselect the selected entries.



1.1.15. Project Info System: Structure Initial Screen

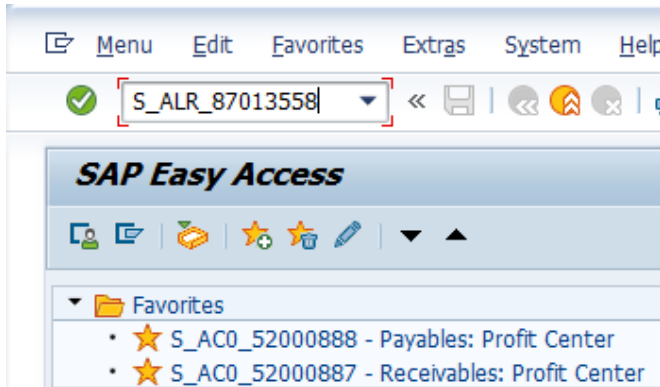
Project Structure Overview	Identification	Plant
▶ 400 kV D/C Bhilwara-Ajmer Line	CLIN/09.06	1100
▶ LILO Ajmer-Kishangarh at 400kV Ajmer	CLIN/09.30	1100
▶ LILO-220kV Ras-Merta line at Jethana	CLIN/11.15	1100
▶ 220kV Ajmer (400kV)-Jethana line	CLIN/11.16	1100
▶ LILO-132kV Beawar-Nasirabad at Jethana	CLIN/11.22	1100
▶ 132kV S/C Jethana-Saradhana line	CLIN/11.23	1100
▶ 220kv D/C JETHANA - DFCCIL JETHANA	CLIN/11.37	1100
▶ LILO of 132kV Silora-Malpura line	CLIN/12.14	1100
▶ 132 KV S/C Nasirabad- Rly. TSS (NWR)	CLIN/15.10	1100
▶ 220KV K. garh-DFCC TSS	CLIN/15.14	1100
▶ 33KV CAP BANK AT ROOPANGARH	INCB/14.01	1100
▶ 33KV CAP BANKI AT 132KV GSS Pushker Road	INCB/16.24	1100
▶ 33KV CAP BANKI AT 132KV GSS Subhas Nagar	INCB/16.25	1100
▶ 33KV CAP BANK-I AT 132KV GSS Arain	INCB/16.34	1100
▶ 33KV CAP BANK-I AT 132KV GSS Masuda	INCB/16.37	1100
▶ Mod.-132KV Ajmer-Saradhana line for Rly.	MLIN/15.01	1100
▶ Mod. of AJM-K.garh K.garh Airport PWD	MLIN/15.03	1100
▶ Mod. of AJM-K.garh K.garh Airport PWD	MLIN/15.15	1100
▶ RMU Phase-II (220 KV GSS Beawar)	RMUP/AJ.15.04	1100
▶ RMU Phase-II (220 KV GSS Ajmer)	RMUP/AJ.15.15	1100
▶ RMU Phase-II (220 KV GSS Kishangarh)	RMUP/AJ.15.16	1100
▶ RMU Phase-II (132 KV GSS Nasirabad)	RMUP/AJ.15.48	1100
▶ RMU Phase-II (132 KV GSS Kishangarh)	RMUP/AJ.15.55	1100
▶ RMU Phase-II (132 KV GSS Kekri)	RMUP/AJ.15.56	1100
▶ RMU Phase-II (132 KV GSS Saradhana)	RMUP/AJ.15.72	1100
▶ RMU Phase-II (132 KV GSS MDS University	RMUP/AJ.15.84	1100

Step	Action
(1)	Above report shows us the number of projects available in a specific plant.
(2)	Similarly, we come to know the number of projects in any specified plant.



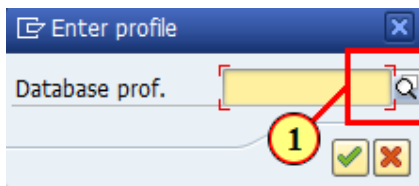
1.1.16. SAP Easy Access


This process explains about to know the actual expenditure incurred for a plant and for all the projects in a plant.



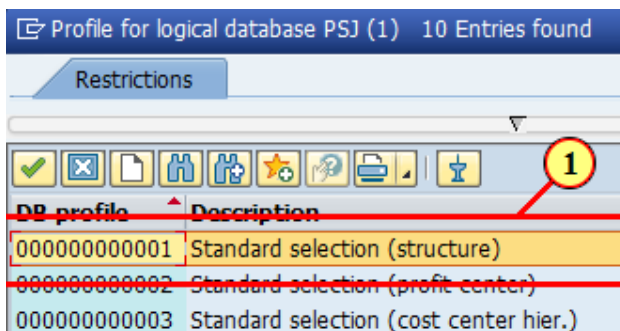
Step	Action
(1)	Enter Transaction Code: S_ALR_87013558 and click on Enter

1.1.17. Enter profile



Step	Action
(1)	Click on  search icon OR F4 button

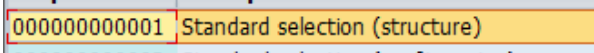
1.1.18. Profile for logical database PSJ (1) 10 Entries found



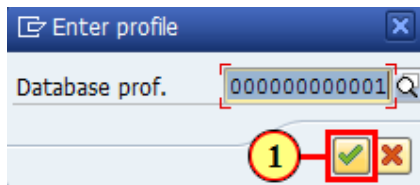



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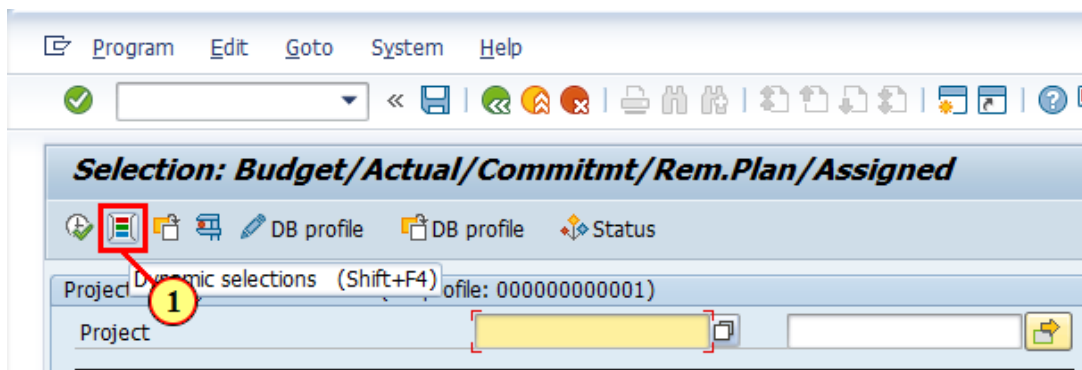
Step	Action
(1)	Select  and double click on it.


1.1.19. Enter profile



Step	Action
(1)	Click Continue  You can also press Enter .

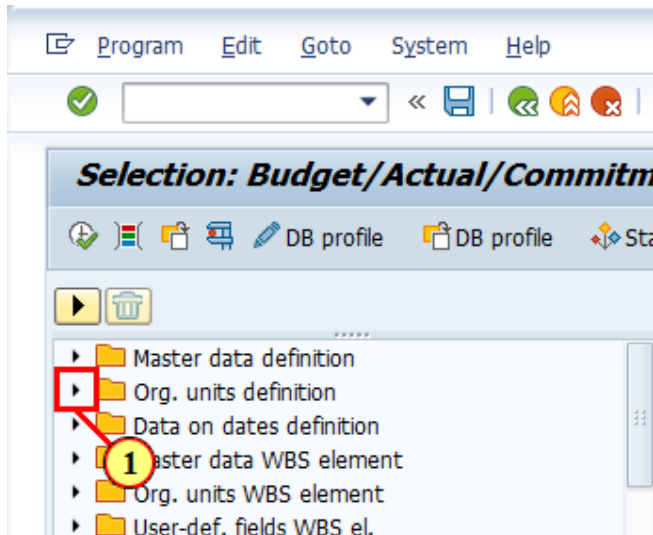
1.1.20. Selection: Budget/Actual/Commitment/Rem. Plan/Assigned



Step	Action
(1)	Click Dynamic selections  You can also press Shift+F4 .

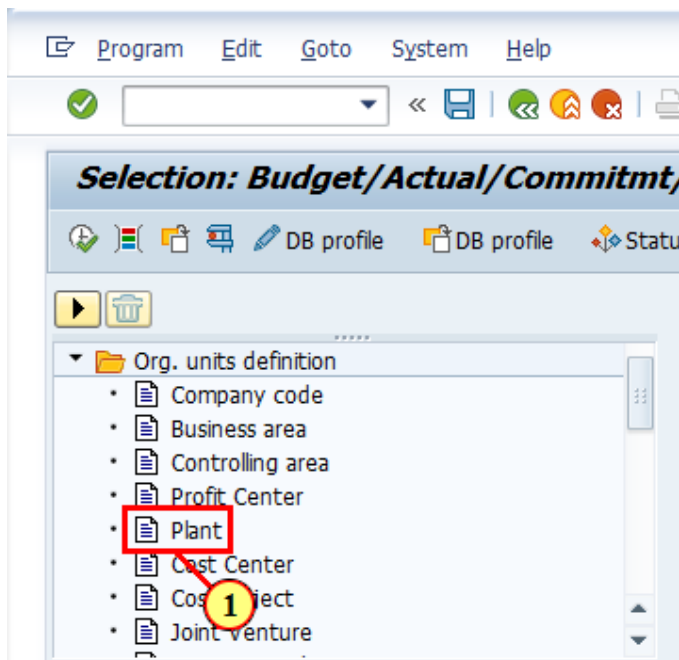


1.1.21. Selection: Budget/Actual/Commitment/Remainder Plan/Assigned



Step	Action
(1)	Click ▶ at Org. units definition


1.1.22. Selection: Budget/Actual/Commitment/Remainder Plan/Assigned



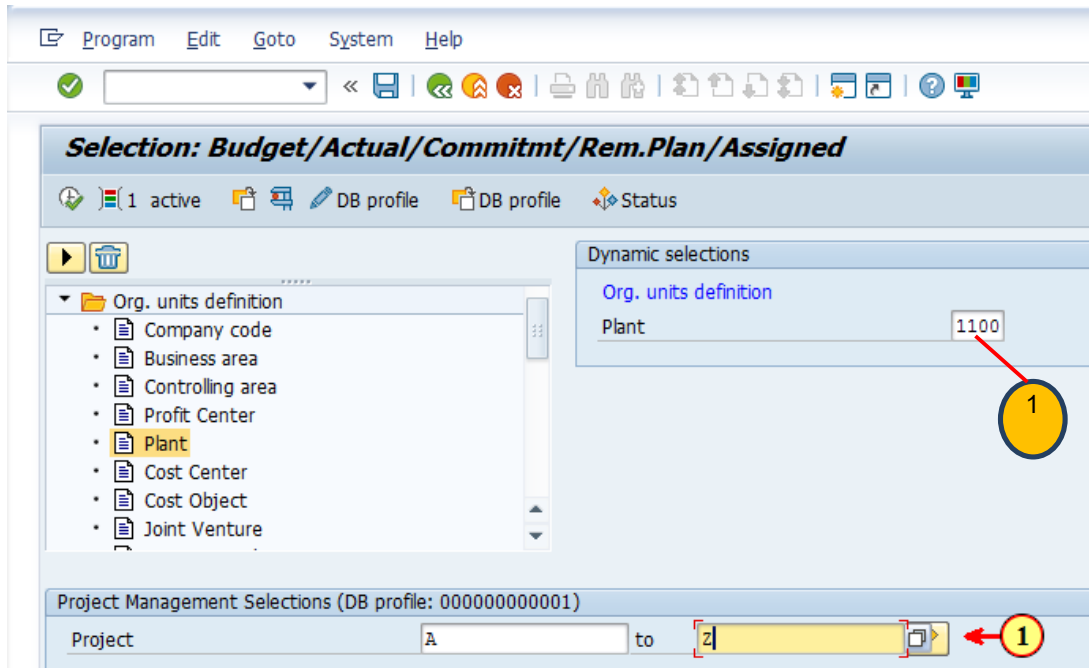


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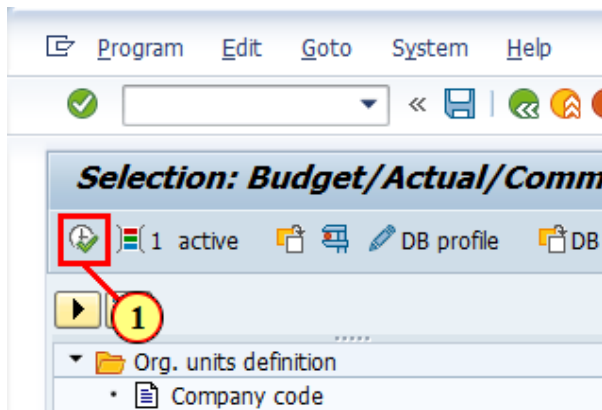
Step	Action
(1)	Double click on Plant  Plant

1.1.23. Selection: Budget/Actual/Commitment/Remainder Plan/Assigned



Step	Action
(1)	Enter the Plant : 1100
(2)	Enter Project range starting from “A” to “Z”


1.1.24. Selection: Budget/Actual/Commitment/Remainder Plan/Assigned





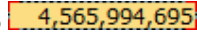
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Step	Action
(1)	Click Execute  . You can also press F8 .

1.1.25. Execute Drilldown Report Budget/Actual/Commitmt/Rem.Plan/Assigned

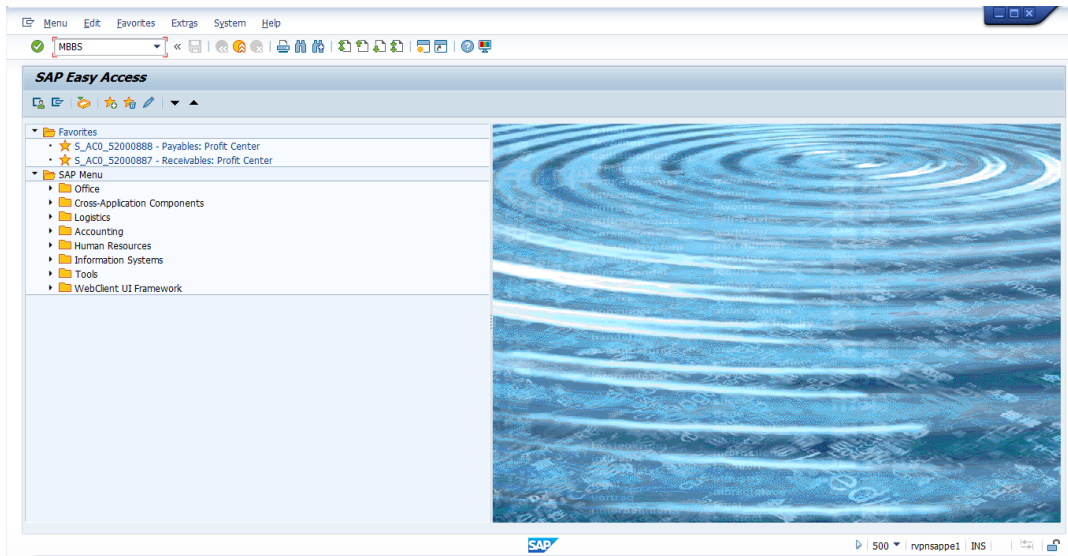
Navigation	P	N	Object	Budget--Total	Actual--Total	Commitment--...
Object			PRJ RMUP/AJ. RMU Phase-II (132	0	123,567	0
Val.category			WBS RMUFRMU Phase-II (132	0	123,567	0
Period/year			PRJ RMUP/AJ. RMU Phase-II (132	0	63,871	0
Trans. Currenc			WBS RMUFRMU Phase-II (132	0	63,871	0
Business Trans			PRJ RMUP/AJ. RMU Phase-II (132	0	123,567	0
			WBS RMUFRMU Phase-II (132	0	123,567	0
			PRJ RMUP/AJ. RMU Phase-II (132 K	0	0	0
			WBS RMUFRMU Phase-II (132 K	0	0	0
			PRJ RMUT/AJ. PROT RENOV. PSDF- 22	0	304,143	0
			WBS RMUTPROT RENOV. PSDF- 22	0	304,143	0
			PRJ RMUT/AJ. PROT RENOV. PSDF- 22	0	304,143	0
			WBS RMUTPROT RENOV. PSDF- 22	0	304,143	0
			PRJ RMUT/AJ. PROT RENOV. PSDF- 22	0	179,801	0
			WBS RMUTPROT RENOV. PSDF- 22	0	179,801	0
			Result	831,459,136	4,565,994,695	9,718,525

Step	Action
(1)	Here is the actual expenditure of all the projects in Plant 1100 4,565,994,695 
(2)	Similarly, we come to know the actual expenditure of for all the respective projects in all the respective plants.



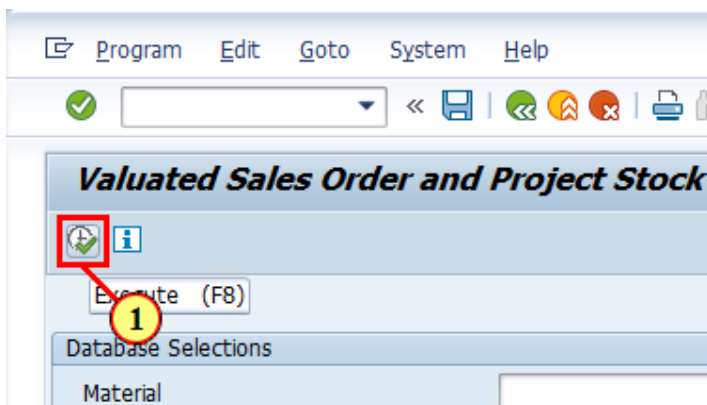
1.1.26. SAP Easy Access


This process explains about to know the **Inventory of Materials at Site** by using **Transaction Code: MBBS**



Step	Action
(1)	Enter Transaction code: MBBS at command prompt and click on Enter.

1.1.27. Valuated Project Stock



Step	Action
(1)	Click Execute  . You can also press F8 .

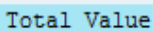


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1.1.28. Valuated Project Stock

Material	ValA	Val. Type	S	WBS Element	Total Stock	BU	Total Value	Crcy
1000000007	3100	TR-NEW	Q	AUTR/13.01.01	0	NOS	0.00	INR
1000000010	2700	TR-NEW	Q	CGSS/09.03.01	3	NOS	1,800.00	INR
1000000010	2700	TR-NEW	Q	CGSS/09.02.01	14	NOS	8,400,000.00	INR

Step	Action
(1)	Click on 

1.1.29. Valuated Project Stock

Material	ValA	Val. Type	S	WBS Element
1000000007	3100	TR-NEW	Q	AUTR/13.01.01
1000000010	2700	TR-NEW	Q	CGSS/09.03.01

Step	Action
(1)	Click on Add Up Values  . You can also press Shift+F7 .




1.1.30. Valuated Project Stock

Material	ValA	Val. Type	S	WBS Element
1000000007	3100	TR-NEW	Q	AUTR/13.01.01
1000000010	2700	TR-NEW	Q	CGSS/09.03.01
1000000010	2700	TR-NEW	Q	CGSS/09.02.01
1000000019	1100	TR-NEW	Q	CGSS/12.10.01
1000000019	1100	TR-NEW	Q	CGSS/12.10

Step	Action
(1)	Click on ValA (Valuation Area which is Circle / Plant)

1.1.31. ValuatedProject Stock

Material	ValA	Val. Type	S	WBS Element
1000000007	3100	TR-NEW	Q	AUTR/13.01.01
1000000010	2700	TR-NEW	Q	CGSS/09.03.01

Step	Action
(1)	Click on Subtotal...  . You can also press Ctrl+F1 .



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1.1.32. Valuated Project Stock

List Edit Goto Settings Environment System Help

Valuated Sales Order and Project Stock

Display Material

Material	ValA	Val. Type	S	WBS Element	Total Stock	BUn	Total Value	Crcy
8000000451	3400		Q	CGSS/10.19	18	NOS	292,674.83	INR
8000000453	3400		Q	CGSS/10.19	2	NOS	1,029.00	INR
8000000571	3400		Q	CGSS/10.19	3	NOS	375.00	INR
*	3400						66,181,194.77	INR
2000000408	9000	OPM-NEW	Q	SWHW/15.05.03	140	NOS	936,538.47	INR
2000000901	9000	OPM-NEW	Q	SWHW/15.05.03	1	NOS	127,674.13	INR
2000000902	9000	OPM-NEW	Q	SWHW/15.05.03	2	NOS	68,936.53	INR
2000000903	9000	OPM-NEW	Q	SWHW/15.05.03	150	NOS	296,336.25	INR
2000000904	9000	OPM-NEW	Q	SWHW/15.05.03	1	NOS	26,593.27	INR
2000000905	9000	OPM-NEW	Q	SWHW/15.05.03	1	NOS	14,082.10	INR
2700000004	9000	FXF-NEW	Q	SWHW/15.05.02	0	NOS	0.00	INR
2700000007	9000	FXF-NEW	Q	SWHW/15.05.02	0	NOS	0.00	INR
2700000048	9000	FXF-NEW	Q	SWHW/15.05.02	0	NOS	0.00	INR
2700000049	9000	FXF-NEW	Q	SWHW/15.05.02	0	NOS	0.00	INR
2700000055	9000	FXF-NEW	Q	SWHW/15.05.02	0	NOS	0.00	INR
2700000095	9000	FXF-NEW	Q	SWHW/15.05.02	0	NOS	0.00	INR
2700000096	9000	FXF-NEW	Q	SWHW/15.05.02	0	NOS	0.00	INR
2700000097	9000	FXF-NEW	Q	SWHW/15.05.02	0	NOS	0.00	INR
2700000098	9000	FXF-NEW	Q	SWHW/15.05.02	0	NOS	0.00	INR
2700000099	9000	FXF-NEW	Q	SWHW/15.05.02	0	NOS	0.00	INR
2700000100	9000	FXF-NEW	Q	SWHW/15.05.02	0	NOS	0.00	INR
2700000101	9000	FXF-NEW	Q	SWHW/15.05.02	0	NOS	0.00	INR
2900000146	9000	COH-NEW	Q	SWHW/15.02.03	55	NOS	413,689.24	INR
2900000147	9000	COH-NEW	Q	SWHW/15.02.03	55	NOS	694,559.25	INR
*	9000						2,578,409.24	INR
**	1						8,826,517,300.96	INR

Step	Action
(1)	Pagedown till the bottom.
(1)	Click on **.



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Step	Action
(1)	Here is the total Inventory of Material at Site for all the Circles / Plants .

1.1.35. Microsoft Excel - Project Report (2) [Read-Only]

Project Report - Actual expenditure vs MAS vs WIP						
Plant	Circle Description	No. of projects	Actual Expenditure	MAS Value	WIP (Actual - MAS)	
1100	T&C Ajmer	52	₹ 4,56,30,33,956.00	₹ 56,61,95,982.00	₹ 3,99,68,37,974.00	
1200	T&C Alwar	44	₹ 48,71,72,129.00	₹ 14,20,46,681.00	₹ 34,51,25,448.00	
1300	T&C Babai	44	₹ 5,54,06,36,943.00	₹ 1,13,63,36,960.00	₹ 4,40,42,99,983.00	
1400	T&C Barmer	56	₹ 4,23,99,922.00	₹ 2,72,61,351.00	₹ 1,51,38,571.00	
1500	T&C Bhadala	45	₹ 4,04,11,58,215.00	₹ 1,39,04,12,481.00	₹ 2,65,07,45,734.00	
1600	T&C Bharatpur	59	₹ 51,58,13,078.00	₹ 3,32,16,194.00	₹ 48,25,96,884.00	

Step	Action
(1)	No. of projects in a Circle / Plant will be extracted from the Transaction Code: SE16N as explained above.

1.1.36. Microsoft Excel - Project Report (2) [Read-Only]

Project Report - Actual expenditure vs MAS vs WIP						
Plant	Circle Description	No. of projects	Actual Expenditure	MAS Value	WIP (Actual - MAS)	
1100	T&C Ajmer	52	₹ 4,56,30,33,956.00	₹ 56,61,95,982.00	₹ 3,99,68,37,974.00	
1200	T&C Alwar	114	₹ 48,71,72,129.00	₹ 14,20,46,681.00	₹ 34,51,25,448.00	
1300	T&C Babai	44	₹ 5,54,06,36,943.00	₹ 1,13,63,36,960.00	₹ 4,40,42,99,983.00	
1400	T&C Barmer	56	₹ 4,23,99,922.00	₹ 2,72,61,351.00	₹ 1,51,38,571.00	
1500	T&C Bhadala	45	₹ 4,04,11,58,215.00	₹ 1,39,04,12,481.00	₹ 2,65,07,45,734.00	
1600	T&C Bharatpur	59	₹ 51,58,13,078.00	₹ 3,32,16,194.00	₹ 48,25,96,884.00	

Step	Action
(1)	Actual expenditure will be extracted from Transaction Code: S_ALR_87013558 as explained above





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1.1.37. Microsoft Excel - Project Report (2) [Read-Only]

	A	B	C	D	E	F	G
1	Project Report - Actual expenditure vs MAS vs WIP						
2	Plant	Circle Description	No. of projects	Actual Expenditure	MAS Value	WIP (Actual - M	
3	1100	T&C Ajmer	52	₹ 4,56,30,33,956.00	₹ 56,61,95,982.00	₹ 3,99,68,37,974.00	
4	1200	T&C Alwar	114	₹ 48,71,72,129.00	₹ 14,20,46,681.00	₹ 34,51,25,448.00	
5	1300	T&C Babai	44	₹ 5,54,06,36,943.00	₹ 1,13,63,36,960.00	₹ 4,40,42,99,983.00	
6	1400	T&C Barmer	56	₹ 4,23,99,922.00	₹ 2,72,61,351.00	₹ 1,51,38,571.00	
7	1500	T&C Bhadala	45	₹ 4,04,11,58,215.00	₹ 1,39,04,12,481.00	₹ 2,65,07,45,734.00	

Step	Action
(1)	MAS (Material at Site) Value will be extracted from Transaction Code: MBBS as explained above

1.1.38. Microsoft Excel - Project Report (2) [Read-Only]

	A	B	C	D	E	F	G	H
1	Project Report - Actual expenditure vs MAS vs WIP							
2	Plant	Circle Description	No. of projects	Actual Expenditure	MAS Value	WIP (Actual - MAS)		
3	1100	T&C Ajmer	52	₹ 4,56,30,33,956.00	₹ 56,61,95,982.00	₹ 3,99,68,37,974.00		
4	1200	T&C Alwar	114	₹ 48,71,72,129.00	₹ 14,20,46,681.00	₹ 34,51,25,448.00		
5	1300	T&C Babai	44	₹ 5,54,06,36,943.00	₹ 1,13,63,36,960.00	₹ 4,40,42,99,983.00		
6	1400	T&C Barmer	56	₹ 4,23,99,922.00	₹ 2,72,61,351.00	₹ 1,51,38,571.00		
7	1500	T&C Bhadala	45	₹ 4,04,11,58,215.00	₹ 1,39,04,12,481.00	₹ 2,65,07,45,734.00		

Step	Action
(1)	Work in Process (WIP) = Actual Expenditure – MAS Value

As per the above process steps, we can derive the number of projects in a Circle / Plant, actual expenditure for a project / for all the projects each Circle-wise / Plant-wise, Inventory of Material at Site each Circle-wise / Plant-wise, Work In Process for all the projects each Circle-wise / Plant-wise.