

Engineering Services Planning

Cable Installation Progress Schedule

The Cable Installation Progress Schedule tracks the progress performance of cable installations and terminations over a given timescale. This has the facility to be updated on a weekly basis (longer if necessary) and will indicate the: -

- Planned Completion
- Ongoing Progress %
- 100% Completion

This is broken down into individual installation aspects of: -

- The cable installation
- The source terminations
- The field terminations
- The earth cable installation

This particular example charts the installation and termination of a series of LV cables and the individual aspects of this are weighted in terms of the overall installation as follows: -

- The LV cable installation is weighted as 70% of the overall installation
- The LV panel terminations are weighted as 10% of the overall installation
- The LV riser & D/B terminations are weighted as 10% of the overall installation
- The earth cable installation is weighted as 10% of the overall installation

These individual aspects also contain weighted factors, which provide disparity of the installation in regard to cable size, number of cables and length of run.

This schedule can stand alone, or provide progress information for summary bars of a main construction programme.

The formatted section of this progress schedule can be attached to any cable installation spreadsheet that contains similar information to the cable schedule information of this example.

This schedule can also be modified for any mass cable or pipe work installation programme.

Page 2 of the Cable Installation Progress Schedule example indicates the status of the cable installation at week 0 prior to any work commencement. It also contains references to the items that require manual inputting: -

- The programme week number
- The programme dates
- The actual progress values in the information input fields
- Comments & testing dates can also be included

Page 3 of the Cable Installation Progress Schedule example highlights the performance status of the cable installation at week 8, and indicates the automatic functionality of the progress schedule: -

- Overall planned percentage to date
- Overall installed percentage to date
- Individual installation aspect planned percentage to date
- Individual installation aspect actual percentage to date

Note: There is no percentage formatting for the earth cable installation, enter "yes" against the appropriate activity when the cable has been installed.

PROGRAMME SUMMARY				PERFORMANCE BREAKDOWN OF PROGRAMME SUMMARY											Title / Area Ref.					
Week Ending Date	18-Feb-05	Programme Week Number	0	LV CABLE INSTALLATION (Including Dressing)	Planned %	0.00	LV PANEL TERM'S 'A'	Planned %	0.00	LV RISER & D/B TERM'S 'B'	Planned %	0.00	EARTH CABLES	Planned %	0.00	Schedule Updated by				
Planned Percentage to Date = 0.00				LEGEND				Enter actual start and finish dates into pale blue boxes											Maik Myli-feasier	
Installed Percentage to Date = 0.00				<div style="display: flex; justify-content: space-around;"> Planned Ongoing Complete </div>																
CABLE NUMBER	ORIGIN	DESTINATION	LEVEL	CORE	C.S.A.	CABLE TYPE	NO. OF CABLES	EARTH CABLE	LENGTH (metres)	Prog Start Date	Prog Finish Date	Actual Start Date	Actual Finish Date	LV Cable Install % (Inc. dressing)	LV Panel Term's % 'A'	LV Riser & Plant Term's % 'B'	Earth Cable Install & Term (Enter Yes)	Dead test (Date)	Comments	Power Available (Date)
1	LV SWITCH ROOM 1	RISER 2	B1	4	150	XLPE/LSF	2	1 x 50	75	21-Feb-05	01-Apr-05									
2	LV SWITCH ROOM 1	RISER 3	B1	4	150	XLPE/LSF	3	1 x 50	80	21-Feb-05	01-Apr-05									
3	LV SWITCH ROOM 1	RISER 1	B1	4	300	XLPE/LSF	2	1 x 95	95	28-Feb-05	08-Apr-05									
4	LV SWITCH ROOM 1	RISER 5	B1	4	185	XLPE/LSF	1	1 x 70	80	28-Feb-05	08-Apr-05									
5	LV SWITCH ROOM 1	RISER 10	B1	4	120	FP400	2	1 x 50	95	28-Feb-05	08-Apr-05									
6	LV SWITCH ROOM 1	RISER 4	B1	4	240	XLPE/LSF	3	1 x 70	180	07-Mar-05	15-Apr-05									
7	LV SWITCH ROOM 1	RISER 6	B1	4	300	FP400	1	1 x 95	75	07-Mar-05	15-Apr-05									
8	LV SWITCH ROOM 1	RISER 9	B1	4	185	XLPE/LSF	2	1 x 70	100	07-Mar-05	15-Apr-05									
9	LV SWITCH ROOM 1	MCC PANEL 2	B1	4	300	XLPE/LSF	1	1 x 95	70	14-Mar-05	22-Apr-05									
10	LV SWITCH ROOM 1	MCC PANEL 3	B2	4	240	XLPE/LSF	1	1 x 70	195	14-Mar-05	22-Apr-05									
11	LV SWITCH ROOM 1	RISER 8	B1	4	300	FP400	2	1 x 95	140	14-Mar-05	22-Apr-05									
12	LV SWITCH ROOM 1	CHILLER 4	B1	4	300	XLPE/LSF	1	1 x 95	100	14-Mar-05	22-Apr-05									
13	LV SWITCH ROOM 1	CHILLER 1	B1	4	240	XLPE/LSF	1	1 x 70	95	21-Mar-05	29-Apr-05									
14	LV SWITCH ROOM 1	CHILLER 2	B1	4	240	XLPE/LSF	1	1 x 70	100	21-Mar-05	29-Apr-05									
15	LV SWITCH ROOM 1	CHILLER 3	B1	4	240	XLPE/LSF	1	1 x 70	105	21-Mar-05	29-Apr-05									
16	LV SWITCH ROOM 2	RISER 7	B1	4	300	FP400	3	1 x 95	180	21-Mar-05	29-Apr-05									
17	LV SWITCH ROOM 2	MCC PANEL 4	B1	4	240	XLPE/LSF	2	1 x 70	120	21-Mar-05	29-Apr-05									
18	LV SWITCH ROOM 2	MCC PANEL 1	B1	4	185	XLPE/LSF	1	1 x 70	130	28-Mar-05	06-May-05									
19	LV SWITCH ROOM 2	DIST BOARD 3	B1	4	185	FP400	1	1 x 70	85	28-Mar-05	06-May-05									
20	LV SWITCH ROOM 2	DIST BOARD 5	B2	4	16	XLPE/LSF	1		20	28-Mar-05	06-May-05									
21	LV SWITCH ROOM 2	AHU 2	B1	4	120	XLPE/LSF	1	1 x 50	60	28-Mar-05	06-May-05									
22	LV SWITCH ROOM 2	DIST BOARD 1	B2	4	95	XLPE/LSF	1	1 x 25	138	04-Apr-05	13-May-05									
23	LV SWITCH ROOM 2	DIST BOARD 2	B1	4	120	XLPE/LSF				04-Apr-05	13-May-05									
24	LV SWITCH ROOM 2	DIST BOARD 4	B1	4	95	FP400				04-Apr-05	13-May-05									
25	LV SWITCH ROOM 2	AHU 1	B1	4	95	FP400				04-Apr-05	13-May-05									
26	LV SWITCH ROOM 2	BOILER ROOM	B1	4	120	XLPE/LSF	1	1 x 50	90	11-Apr-05	20-May-05									
27	LV SWITCH ROOM 2	UPS BANK 1 OUTGOING	B1	4	240	XLPE/LSF	1	1 x 70	40	11-Apr-05	20-May-05									
28	LV SWITCH ROOM 2	DIST BOARD 6	B2	4	16	XLPE/LSF	1		45	11-Apr-05	20-May-05									
29	LV SWITCH ROOM 2	FIRE PROTECTION	B2	4	240	XLPE/LSF	1	1 x 70	155	18-Apr-05	27-May-05									
30	LV SWITCH ROOM 2	UPS BANK 2 OUTGOING	B1	4	240	XLPE/LSF	1	1 x 70	50	18-Apr-05	27-May-05									

Overall progress performance

Cable Schedule Information

Information input fields

Programme dates

Engineering Services Planning

Cable Installation Progress Schedule

PROGRAMME SUMMARY				PERFORMANCE BREAKDOWN OF PROGRAMME SUMMARY												Title / Area Ref.			
Week Ending Date	15-Apr-05	Programme Week Number	8	LV CABLE INSTALLATION (Including Dressing)	Planned % 60.56	Actual % 38.80	LV PANEL TERM'S 'A'	Planned % 3.81	Actual % 1.92	LV RISER & D/B TERM'S 'B'	Planned % 3.81	Actual % 1.85	EARTH CABLES	Planned % 3.81	Actual % 1.59	Schedule Updated by			
Planned Percentage to Date =			71.98	LEGEND				Enter actual start and finish dates into pale blue boxes								Maik Mylfeasier			
Installed Percentage to Date =			44.15	■ Planned	■ Ongoing	■ Complete													
CABLE NUMBER	ORIGIN	DESTINATION	LEVEL	CORE	C.S.A.	CABLE TYPE	NO. OF CABLES	EARTH CABLE	LENGTH (metres)	Prog Start Date	Prog Finish Date	Actual Start Date	Actual Finish Date	LV Cable Install % (Inc. dressing)	LV Panel Term's % 'A'	LV Riser & Plant Term's % 'B'	Earth Cable Install & Term (Enter Yes)	Dead test (Date)	Power Available (Date)
1	LV SWITCH ROOM 1	RISER 2	B1	4	185	XLPE/LSF	2	1 x 50	75	21-Feb-05	01-Apr-05	21-Feb-05		100	50	100	yes		
2	LV SWITCH ROOM 1	RISER 3	B1	4	120	XLPE/LSF	3	1 x 50	80	21-Feb-05	01-Apr-05	22-Feb-05		66					
3	LV SWITCH ROOM 1	RISER 4	B1	4	240	XLPE/LSF	2	1 x 95	95	28-Feb-05	08-Apr-05	24-Feb-05		50					
4	LV SWITCH ROOM 1	RISER 5	B1	4	185	XLPE/LSF	1	1 x 70	80	28-Feb-05	08-Apr-05	01-Mar-05		100		100			
5	LV SWITCH ROOM 1	RISER 10	B1	4	120	FP400	2	1 x 50	95	28-Feb-05	08-Apr-05	02-Mar-05		50					
6	LV SWITCH ROOM 1	RISER 4	B1	4	240	XLPE/LSF	3	1 x 70	180	07-Mar-05	15-Apr-05	03-Mar-05		100	100	100			
7	LV SWITCH ROOM 1	RISER 6	B1	4	300	FP400	1	1 x 95	75	07-Mar-05	15-Apr-05	08-Mar-05		100					
8	LV SWITCH ROOM 1	RISER 9	B1	4	185	XLPE/LSF	2	1 x 70	100	07-Mar-05	15-Apr-05	08-Mar-05		100	100	50	yes		
9	LV SWITCH ROOM 1	MCC PANEL 2	B1	4	300	XLPE/LSF	1	1 x 95	70	14-Mar-05	22-Apr-05	08-Mar-05		100					
10	LV SWITCH ROOM 1	MCC PANEL 3	B2	4	240	XLPE/LSF	1	1 x 70	195	14-Mar-05	22-Apr-05	14-Mar-05		100	100		yes		
11	LV SWITCH ROOM 1	RISER 8	B1	4	300	FP400	2	1 x 95	140	14-Mar-05	22-Apr-05	15-Mar-05		50					
12	LV SWITCH ROOM 1	CHILLER 4	B1	4	300	XLPE/LSF	1	1 x 95	100	14-Mar-05	22-Apr-05	15-Mar-05		100					
13	LV SWITCH ROOM 1	CHILLER 1	B1	4	240	XLPE/LSF	1	1 x 70	95	21-Mar-05	29-Apr-05								
14	LV SWITCH ROOM 1	CHILLER 2	B1	4	240	XLPE/LSF	1	1 x 70	100	21-Mar-05	29-Apr-05								
15	LV SWITCH ROOM 1	CHILLER 3	B1	4	240	XLPE/LSF	1	1 x 70	105	21-Mar-05	29-Apr-05								
16	LV SWITCH ROOM 2	RISER 7	B1	4	300	FP400	3	1 x 95	180	21-Mar-05	29-Apr-05	15-Mar-05		33					
17	LV SWITCH ROOM 2	MCC PANEL 4	B1	4	240	XLPE/LSF	2	1 x 70	120	21-Mar-05	29-Apr-05	15-Mar-05		50					
18	LV SWITCH ROOM 2	MCC PANEL 1	B1	4	185	XLPE/LSF	1	1 x 70	130	28-Mar-05	06-May-05								
19	LV SWITCH ROOM 2	DIST BOARD 3	B1	4	185	FP400	1	1 x 70	85	28-Mar-05	06-May-05								
20	LV SWITCH ROOM 2	DIST BOARD 5	B2	4	16	XLPE/LSF	1		20	28-Mar-05	06-May-05								
21	LV SWITCH ROOM 2	AHU 2	B1	4	120	XLPE/LSF	1	1 x 50	60	28-Mar-05	06-May-05	15-Mar-05		100	100				
22	LV SWITCH ROOM 2	DIST BOARD 1	B2	4	95	XLPE/LSF	1	1 x 25	138	18-Apr-05	27-May-05								
23	LV SWITCH ROOM 2	DIST BOARD 2	B1	4	120	XLPE/LSF	1	1 x 50	30	18-Apr-05	27-May-05								
24	LV SWITCH ROOM 2	DIST BOARD 4	B1	4	95	FP400	1	1 x 25	125	18-Apr-05	27-May-05								
25	LV SWITCH ROOM 2	AHU 1	B1	4	95	FP400	1	1 x 25	45	18-Apr-05	27-May-05	08-Mar-05		100		100	yes		
26	LV SWITCH ROOM 2	BOILER ROOM	B1	4	120	XLPE/LSF	1	1 x 50	90	18-Apr-05	27-May-05	09-Mar-05		100			yes		
27	LV SWITCH ROOM 2	UPS BANK 1 OUTGOING	B1	4	240	XLPE/LSF	1	1 x 70	40	25-Apr-05	03-Jun-05								
28	LV SWITCH ROOM 2	DIST BOARD 6	B2	4	16	XLPE/LSF	1		45	25-Apr-05	03-Jun-05								
29	LV SWITCH ROOM 2	FIRE PROTECTION	B2	4	240	XLPE/LSF	1	1 x 70	155	25-Apr-05	03-Jun-05								
30	LV SWITCH ROOM 2	UPS BANK 2 OUTGOING	B1	4	240	XLPE/LSF	1	1 x 70	50	25-Apr-05	03-Jun-05								

Overall progress performance at week 8 (15th April 05)

The progress fields are automatically updated from the planned values and the inputted progress values

Inputted progress values