PEDDAJUTUR DISTRIBUTORY OFF TAKE AT KM 47.150 OF PBC				
R/S				L/S
PBC Canal of take @ Km 47.150 of PBC				
Total Ayacut 309.20 AC				Bed level 229.329 start 233.109
Hydraulic Particulrs				0.094 SP
Discharge (R) cum	0.127			0.280 B class Bridge
Discharge (D) cum	0.2776			0.94 SP
Bed Width	1			1.075 1 L Minor (90 Ac) L= 650 mts
F.S.D	0.5			1.080 0.60 m Drop 232.389/231.789
Surface fall	1 IN 1500			1.140 0.60 M Drop
Velocity	0.4929			1.200 0.60 M Drop
Side Slopes(E)	1:01			1.300 0.60 M Drop
Side Slopes(D)	1.2:1			1.384 0.60 M Drop cum L class bridge
				1.480 0.60 M Drop
1 R minor (80 AC)		Km 1.075		1.615 2L minor (7L ac) l=450 mt
L= 600 mts				1.620 0.60 M Drop BL=228.428/227.828
				1.700 0.60 M Drop
2 R minor (68 AC)		Km 1.615		1.800 0.60 M Drop
L= 400 mts				1.860 0.60 M Drop
				1.920 0.60 M Drop
				1.980 0.60 M Drop
				2.060 0.60 M Drop
				2.120 0.60 M Drop
				2.220 0.60 M Drop
				2.260 Tail End BL=222.600

GOLLALAGUDUR DISTRIBUTORY OFF TAKEN AT KM 49.500 PBC

R/S		L/S
PBC CANAL of take @ km 49.500 of PBC		
Ayacut 539 AC 336 AC	CHINTALAJUTUR DISTRIBUTORY	Bed level 232.320 start 0.495 Bridge 0.945 L Class Bridge 1.56 L Class Bridge 2.040 L Class Bridge 2.100 0.60 M Drop 2.190 1.00 M Drop 2.280 1.00 M Drop 2.370 1.00 M Drop 2.460 1.00 M Drop 2.520 L Class Bridge 2.760 1.00 M Drop 1 L Minor 3.060 1.00 M Drop 3.265 L Class Bridge 3.450 1.00 M Drop 3.605 L Class Bridge 3.690 0.60 M Drop 4.230 0.60 M Drop 4.320 0.60 M Drop 4.560 0.60 M Drop 4.650 1.0 M Drop 4.740 1.0 M Drop 4.830 1.0 M Drop 4.920 0.60 M Drop 5.160 0.60 M Dr 5.280 0.60 M Drop 5.610 0.60 M Drop 5.640 Tail End Proposed Bridge Bed Level 214.240

HYDRAULIC PARTICULARS		
Reach	0.000 TO 4.320	4.320 TO 5.640
Discharge (R) cum	0.220	0.0857
Discharge (D) cum	0.223	0.1116
Bed Width	1.100	0.8
F.S.D	0.500	0.4
Surface fall	1 IN 3000	1 IN 3000
Velocity	0.331	0.279
Bed Level	232.320	221.48
FSL	232.820	221.88

ALAVALAPADU DISTRIBUTORY OFF TAKE AT KM 50.500 OF PBC

R/S		L/S
PBC CANAL of take @ km 50.500 OF PBC		
HYDRAULIC PARTICULARS		Bed level 232.027
Reach: 0.000 To 7.410		0.200 Measuring flume
Discharge (R) 0.628		0.235 L class Bridge
Discharge (D) 0.6484		0.315 1.00 M Drop
Bed width 2		0.450 1.00 M Drop
FSD 0.6		0.757 L class Bridge
Bed width 1 IN 2000		1.140 0.60 M Drop
Value of N 0.025		1.175 L class Bridge
Side slopes (D) 1.2 : 1		1.786 L class Bridge
Side slopes (E) 1: 1		1.920 1.00 M Drop
		2.070 1.00 M Drop
1530.41 AC		2.205 1.00 M Drop
		2.370 0.60 M Drop
Total 2723.39 AC		2.670 0.60 M Drop
2722.39/2.411=0.770		2.820 1.00 M Drop
		2.880 1.00 M Drop
1R minor (1530 AC) Km 2.370		2.900 L class Bridge
L= 1.600 Bed Level = 225.242/224.642		2.925 1.00 M Drop
		3.060 1.00 M Drop
		3.165 1.00 M Drop
		3.225 1.00 M Drop
HYDRAULIC PARTICULARS		3.310 L class Bridge
Reach: 8.370 TO 8.580		
Discharge (r)	CHINTALAJUTUR DISTRIBUTORY	3.510 1.00 M Drop
Discharge (d)		3.600 1.00 M Drop
Bed width 1.00		3.705 1.00 M Drop
FSD 0.5		3.840 1.00 M Drop
Bed width 1 IN 2000		3.990 1.00 M Drop
Value of n 0.025		4.080 1.00 M Drop
		4.170 1.00 M Drop
2R Minor (449.39 AC) Km 5.490		4.238 Under Funnel
L= 2.400 Km Bed Level= 208.083		4.540 L class Bridge
		4.560 0.60 M Drop
		4.740 0.60 M Drop
3R Minor (164.39 AC) Km 6.450		5.480 L class Bridge
L= 1.500 Bed level =207.603		5.550 L class Bridge
		6.450 1 minor (478.88 AC) L= 2.000 Bed Level =207.603
		6.570 0.60 M Drop
		6.750 0.50 M Drop
		6.900 0.50 M Drop
4 L Minor 60 AC		7.000 1.0 M Drop
		7.020 1.0 M Drop
		7.125 L class Bridge
		7.260 1.00 M Drop
197.038/196.438 0.60 Drop Km 9.180		7.470 L class Bridge
		7.620 0.60 M Drop
		7.830 0.60 M Drop
		8.100 0.60 M Drop
		8.310 0.60 M Drop
		8.370 L class Bridge
		8.550 0.60 M Drop
		8.670 0.60 M Drop
		8.850 L class Bridge 0.60 M Drop
		9.000 0.60 M Drop 197.728/197.128
		9.240 L class Bridge
		9.390 1.0 M Drop
		9.570 1.0 M Drop
		9.660 Cutt off wall tail end
		Bed level 194.183

GONDIPALLI DISTRIBUTORY OFF TAKE AT KM 51.460 OF PBC

R/S		L/S
PBC CANAL of take @ km 51.460 OF PBC		
HYDRAULIC PARTICULARS		Bed Level 231.663 Start
Total Ayacut 308.920 AC		0.120 CT L Class Bridge
314.68		0.525 S.P cum L class Bridge
		0.645 L class Brodge
		0.650 1L FC (81.02)AC
3R (38.34 AC) Km 0.840		0.840 0.50 M Drop (43.70 AC)
Bed Level =231.385		0.870 Bed Level =231.385.L= 600mts
L= 300 Mts		1.050 0.70 M Drop
		1.230 0.60 M Drop 4 L FC 15.80 AC Bed Level=229.990
5R FC (31.60 AC) Km 1.230		1.260 L class Brodge
Bed Level = 229.990/229.390		1.350 0.45 M Drop
L= 400 Mts		1.410 Tail End
		0.000 PFC off take Bed Level =228.700 (98.46 Ac)
7 R FC (52.46 AC) Km 0.180		0.120 0.60 M Drop
l=400 Mts Bed Level =228.705		0.180 0.60 M Drop 6L FC (46.00 AC) Bed Level 228.705
		0.270 0.60 M Drop L=40 mts
8R Minor(110 AC) Km 0.300		0.480 Tail End
Bed Level =230.208/229.708		BED LEVEL 226.660
L=1.00		0.265 0.80 M Drop
HYDRAULIC PARTICULARS		0.300 1.00 M Drop 1 L Minor (110 Ac)Bed Level 230.20/229.708
Discharge (R) 0.093		0.370 0.80 Drop
Discharge (D) 0.117		0.700 1.00 M Drop
Bed width 0.5		0.800 Pipe culvert
Surface fall 1 IN 1400		0.900 2 L 30 AC
FSD 0.3		1.000 Pipe culvert
Side slopes (D) 1:1		1.300 Tail End
Value of N 0.025		
Velocity 14:29		

GONDIPALLI DISTRIBUTORY

NAGUR DISTRIBUTORY OFF TAKE AT KM 53.960OF PBC

R/S			L/S	
PBC CANAL of take @ km 53.960 OF PBC				
L=1.00		↓ NAGUR DISTRIBUTORY	0.265	0.80 M Drop
HYDRAULIC PARTICULARS			0.300	1.00 M Drop 1 L Minor (110 Ac)Bed Level 230.20/229.708
Discharge (R)	0.093		0.370	0.80 Drop
Discharge (D)	0.117		0.700	1.00 M Drop
Bed width	0.5		0.800	Pipe culvert
Surface fall	1 IN 1400		0.900	2 L 30 AC
FSD	0.3		1.000	Pipe culvert
Side slopes (D)	1:1		1.300	Tail End
Value of N	0.025			
Velocity	14:29			

KOTHAPALLI DISTRIBUTORY NO:1

R/S			L/S	
PBC CANAL of take @ km 54.700 OF PBC				
1R Minor 295.77 Ac	Km 0.120		0.030	0.60 M Drop
Bed level =229.938 L= 1.500			0.120	0.60 M Drop 1L minor Bed level 229.939 L=0.80 (52AC)
Hydralic Particulars			0.180	0.60 M Drop
Reach 0.000 TO 2.370 Km			0.240	0.60 M Drop
Discharge (R)	0.681		0.510	0.60 M Drop
Discharge (D)	0.684		0.570	0.60 M Drop
Bed width	2		0.630	0.60 M Drop
FSD	0.6		0.650	0.60 M Drop
Velocity	0.496		0.780	0.60 M Drop
Surface fall	1 IN 2500		0.810	L class bridge
			0.840	0.60 M Drop
Hydralic Particulars			0.885	0.60 M Drop
Reach 2.370 TO 5.670			0.915	0.60 M Drop
Discharge (R)	0.397		0.945	0.60 M Drop
Discharge (D)	0.436		1.020	0.60 M Drop
Bed width	1.5		1.500	0.60 M Drop
FSD	0.5		1.635	0.60 M Drop
Velocity	0.436		1.710	0.60 M Drop
Surface fall	1 IN 1500		1.830	0.60 M Drop 2L minor L=2.30 200 AC Bed Level 220.683/220.083
			1.920	0.60 M Drop
Hydralic Particulars			2.154	L class bridge
Reach 5.670 TO 8.040			2.340	0.60 M Drop
Discharge (R)	0.139		2.990	L class bridge
Discharge (D)	0.159		3.180	0.60 M Drop
Bed width	1		3.330	0.60 M Drop
FSD	0.4		3.420	0.60 M Drop
Velocity	0.331		3.510	0.60 M Drop
Surface fall	1 IN 1000		4.150	L class bridge
2 R minor 353.30 AC	Km 2.340		4.460	L class bridge
Bed Level L=2.80			4.720	L class bridge
			5.070	L class bridge
			5.640	0.60 M Drop
			5.685	0.60 M Drop cum L cross Bridge
3R minor (454.78)	Km 5.730		5.730	0.60 M Drop 3 L minor /208 AC Bed Level=212.833/212.233 L=1.10
Bed Level 212.833/212.233			5.790	0.60 M Drop
Length =1.40			5.835	0.60 M Drop
			5.880	0.60 M Drop
			5.940	0.60 M Drop
			6.000	0.60 M Drop
			6.075	0.60 M Drop
			6.120	0.60 M Drop
			6.180	0.60 M Drop
			6.450	0.60 M Drop
			6.520	0.60 M Drop
			6.600	L class bridge
			6.900	L class bridge
			7.000	0.60 M Drop
			7.180	0.60 M Drop
			7.290	0.60 M Drop
4R minor(100AC)	Km 8.040		7.530	0.60 M Drop 4L minor 44.95 AC Bed level=203.537/202.937 l= 1.60
Bed Level=202.082			7.620	0.60 M Drop
legnth =1.10			8.040	Excavaation balance up Tail End 10.100 KM

KOTHAPALLI DISTRIBUTORY

KOTHAPALLI DISTRIBUTORY NO:2

R/S				L/S	
PBC CANAL of take @ km 55.600 OF PBC					
2R PFC 68 Ac		Km 0.300	KOTHAPALLI DISTRIBUTORY-2	Bed Level =230.358	
Bed Level =230.208				0.200	B Class Bridge
L= 450 mts				0.300	0.60 M Drop 1L PFC (89 AC) Bed level =230.208/229.593
HYDRAULIC PARTICULARES				0.400	0.60 M Drop
Reach	0.000 To 0.300	0.300 To 1.260		0.450	0.60 M Drop
Discharge (R)	0.119	0.116		0.510	0.60 M Drop
Discharge (D)	0.094	0.094		0.570	0.60 M Drop
Bed width	0.7	0.06		0.630	0.60 M Drop
FSD	0.4	0.35		0.660	0.60 M Drop
Surface fall	1 IN 2000	1 IN 1000		0.730	0.60 M Drop
Side slopes(D)	1.2:1	1.2:1		0.930	0.60 M Drop 3L PFC (76 AC) L=500 mts BL=226.078/225.578
Length	1.26			0.960	Pipe culvert
Velocity	0.3324	0.3375		1.020	0.60 M Drop
Side slopes(E)	1:1	1:1		1.080	L class Bridge
				1.170	0.60 M Drop
4 R PFC (47 AC)		Km 1.100		1.260	Tail End Bed Level =224.248 END
Bed Level =225.503					
L=300 mts					

CHAGALERU DISTRIBUTORY

R/S				L/S	
PBC CANAL of take @ km 57.080 OF PBC					
				Bed level+ 229.586	
				0.050	1.00 M Drop
				0.110	0.60 M Drop
				0.160	1.00 M Drop
				0.250	0.60 M Drop
1R minor 140 AC		Km 0.310		0.310	1.00 M Drop 1L minor 130 AC L=1.200 AC Bed Level=226.862/225.862
Bed Level 226.862/225.862 L=1.00 Km				0.400	Pipe culvert
				0.460	0.60 M Drop
				0.600	0.60 M Drop
				0.700	0.60 M Drop
2R Minor (119 AC)		Km 1.750		0.760	1.00 m Drop
Bed Level=216.502 L= 1.130				0.950	0.60 M Drop
HYDRAULIC PARTICULARES				1.050	0.60 M Drop
Reach	.000 To 1.50	1.500 To 1.300		1.150	0.60 M Drop
Discharge (R)	0.2	0.14		1.250	0.60 M Drop
Discharge (D)	0.243	0.154		1.320	0.60 M Drop
Bed width	1	0.7		1.400	1.00 M Drop
FSD	0.4	0.4		1.420	Pipe culvert
Surface fall	1 IN 1000	1 IN 2000		1.500	0.60 M Drop
Velocity	0.506	0.427		1.700	Pipe culvert
Side slopes(D)	1.2:1	1.2:1		1.750	2 L Minor 120 AC Bed Level =216.502 L= 1.250
Side slopes(E)	1:1	1:1		1.850	0.60 M Drop
				2.000	0.60 M Drop
				2.150	0.60 M Drop
				2.190	Pipe culvert
				2.300	0.60 M Drop
				2.450	0.60 M Drop
				2.600	0.60 M Drop
				2.700	0.60 M Drop
				2.900	0.60 M Drop
				3.005	Pipe culvert
				3.150	0.60 M Drop
				3.200	Tail END 209.070 END

CHAGALERU DISTRIBUTORY-2

KATHALUR DISTRIBUTORY NO-1 TAKING OFF AT KM 58.300 OF PBC

R/S			L/S
PBC CANAL of take @ km 58.300 OF PBC			
B.L Start = 228.860		KATHALUR DISTRIBUTORY	Bed Level = 228.860 Start
			0.255 0.60 M Drop
			0.555 0.60 M Drop
			0.650 L class Bridge work to be done
			0.870 0.60 M Drop
2R PFC (23 AC)	Km 1.050		1.050 0.60 M Drop
L=200 Mts BL=225.264/264.660			1.200 0.60 M Drop 1 L PFC L= 600 mts 84 AC
			1.290 0.60 M Drop
			1.330 L class Bridge
4R PFC (40AC)	Km 1.470		1.350 0.60 M Drop
L=300 Mts BL= 223.325/222.725			1.470 0.60 M Drop 3 L PFC L= 600 mts 78 AC
			1.620 0.60 M Drop
HYDRAULIC PARTICULRS			1.680 0.60 M Drop
Discharge (R)	0.09		1.740 0.60 M Drop
Discharge (D)	0.12		1.770 Tail End
Bed width	0.8		Bed Level = 221.405 END
Side slopes(D)	1.2:1		
Side slopes(E)	1:1		
Surface fall	1 IN 2000		
Length	1.77		
Valueof 'N'	0.025		
Velocity	0.31		
FSD	0.4		

TALLAPALLI DISTRIBUTORY OFF TAKE AT KM 60.920 TAKING OFF AT KM 60.920OF PBC

R/S		L/S
PBC CANAL of take @ km 60.920 OF PBC		
Bed Level =227.238/226.238 2R PFC 78 AC Km 0.240 L=700 mts 278.51 AC BED LEVEL =224.518/223.518 4 R PFC (46.21 AC) Km 0.480 L=300 mts HYDRAULIC PARTICULARS Discharge (R) 0.1 Discharge (D) 0.136 Bed width 0.8 FSD 0.4 FSL 227.758 Side slopes(D) 1.2:1 Side slopes(E) 1:1 Surface fall 1 IN 2000 Valueof 'N' 0.025	TALLAPALLI DISTRIBUTORY	Bed Level =227.358 Starting 0.240 1.0 M Drop 1L PFC (84 AC) Legth =800 mts 0.360 0.60 M Drop 0.420 1.0 M Drop 0.480 1.0 M Drop 3 L PFC (82 AC) Length =800 mts 0.540 1.0 M Drop 0.570 Pipe culvert 0.600 1.0 m Drop 0.630 1.0 m Drop 0.690 1.0 m Drop 0.780 Tail End Dam Bed Level 219.768 END

KATHALUR DISTRIBUTORY NO-2 TAKING OFF AT KM 63.880 OF PBC

R/S		L/S
PBC CANAL of take @ km 63.880 OF PBC		
1R PFC (100 AC) Km 0.180	KATHALUR DISTRIBUTORY NO-2	Bed Level =225.740 Start
L= 1.200 Bed Level =224.650/223.650		0.040 1.00 M Drop
		0.180 1.00 M Drop 1L PFC (90 Ac) Bed Level =224.650/223.650 L=1.100
		0.300 1.00 M Drop
		0.380 1.00 M Drop
		0.480 1.00 M Drop
		0.540 1.00 M Drop
2R PFC (80 AC) Km 1.030		0.680 1.00 M Drop
Bed Level =217.990 L=1.300		0.860 1.00 M Drop
		0.950 B Class Bridge
		1.010 Culvert
HYDRAULIC PARTICULARS		1.030 2L PFC (90AC) Bed level =217.220 L= 1.200 KM
Discharge (R) 0.148		1.050 1.00 M Drop
Discharge (D) 0.155		1.070 1.00 M Drop
Surface fall 1 IN 2000		1.140 1.00 M Drop
Bed width 0.900		1.180 1.00 M Drop
Valueof 'N' 0.020		1.300 1.00 M Drop
FSL 226.140		1.400 1.00 M Drop
FSD 0.400		1.480 1.00 M Drop
		1.760 Pipe culvert
		1.900 0.50 M Drop
		2.060 1.00 M Drop
		2.160 Pipe culvert
		2.220 Tail End
		Bed Level =208.133 End

VEMAPLLI DISTRIBUTORY NO-1 TAKING OFF AT KM 66.470 OF PBC

R/S		L/S	
PBC CANAL of take @ km 66.470 OF PBC			
	VEMAPLLI DISTRIBUTORY NO-1	Bed Level =224.802	
		0.169	L class Bridge
		0.925	1L minor (318.69 AC) Bed level 224.482 L=1.260
		1.065	L class Bridge
		1.520	U.T
		1.600	U.T
		1.835	2L minor 258.37 Acres
		2.320	U.T
		2.460	3 L minor (176.27 AC)Bed Level 223.152 L=1.930
		3.717	U.T
		3.720	4 L minor (23.13 AC) BL=223.503 L=1.20
		4.020	ACQUEDUCT TO BE DONE
		4.920	ACQUEDUCT TO BE DONE
		5.420	5L minor(57.22 AC)Bed level =222.851 L=0.600
		5.940	6 Lminor (61.70AC)Bed Level =0.630
		6.150	Tail End (65.67 AC) Bed Level=222.551

HYDRAULIC PARTICULARS

REACH	0.000 To 1.080	1.080 TO 2.340	2.340 TO 4.020	4.020 TO 4.470	4.470 TO 6.150
Discharge (R)	0.47	0.343	0.2373	0.137	0.0248
Discharge (D)	0.4829	0.3434	0.2805	0.1563	0.0433
Bed width	2.5	1.45	1.2	1	0.5
Valueof 'N'	1 IN 3000	1 IN 3000	1 IN 3000	1 IN 3000	1 IN 2500
Velocity	0.025	0.025	0.025	0.025	0.025
Side slopes	0.3639	0.3469	0.3262	0.2881	0.2311
FSD	1:1	1:1	1:1	1:1	1:1
	0.45	0.4	0.35	0.3	0.25

VEMAPLLI DISTRIBUTORY NO-2 TAKING OFF AT KM 66.300 OF PBC

R/S		L/S
PBC CANAL of take @ km 66.300 OF PBC		

1R minor (12.43 AC) Km 0.755
L=0.350 Bed Level =224.722

2R Minor (209.09 AC) Km 1.510
L=0.30 Bed Level =224.532

3R Minor (78.89AC) Km 1.800
L=0.500 Bed Level=224.232

4R Minor (72.45 AC) Km 2.500
l=750 mts B.L 224.032

5R Minor (76.03 AC) Km 3.060
L=600 mts B.L =221.812/220.812

HYDRAULIC PARTICULARS

Reach	0.000 TO 1.100	1.110 TO 2.310	2.310 TO 2.700
Discharge (R)	0.316	0.182	0.1486
Discharge (D)	0.3408	0.197	0.1562
Bed width	1.75	1.200	1.2
FSD	0.45	0.450	0.35
Bed fall	1 IN 3000	1 IN 3000	1 IN 3000
Valueof 'N'	0.025	0.025	0.025
Velocity	0.344	0.3084	0.288
Side slopes	1:1	1:1	1:1

VEMAPLLI DISTRIBUTORY NO-2

Bed level =224.832 Start

0.030	B Class Bridge
0.264	SP Cum L class Bridge
0.750	SP Cum L class Bridge
2.143	Inlet
2.442	SP
3.000	1.00 m Drop
3.060	1.00 m Drop
3.120	1.00 m Drop
3.135	1.00 m Drop
3.225	1.00 m Drop
0.300	1.00 m Drop
3.330	1.00 m Drop
3.360	1.00 m Drop
3.600	1.00 m Drop

Bed Level =214.652 End