

AGRICULTURE

9.24 Escapge Below Panjand and Kotn Barages.

(Million acre feet)

Year	Below Panjand			Below Kotn			Grand Total
	Kharif	Rabi	Total	Kharif	Rabi	Total	
1975-80	10.22	1.24	11.46	29.38	0.43	29.81	41.27
1980-81	12.65	2.86	15.51	18.74	1.36	20.10	35.61
1981-82	16.18	1.26	17.40	33.53	0.26	33.79	51.19
1982-83	8.99	1.37	10.36	9.43	0.22	9.65	20.04
1983-84	26.91	2.81	29.72	43.81	2.09	45.90	75.62
1984-85	9.21	1.24	10.45	28.64	0.91	29.55	40.00
1985-86	7.84	0.26	8.10	10.93	0.04	10.97	19.07
1986-87	18.09	0.62	18.71	26.72	0.18	26.90	45.61
1987-88	11.91	0.87	12.78	17.42	0.08	17.50	30.28
1988-89	24.48	1.24	25.72	28.19	0.69	28.88	54.60
1989-90	10.87	4.20	15.07	11.11	0.37	11.48	26.55
1990-91	17.06	1.13	18.19	38.19	0.14	38.33	56.52
1991-92	21.86	1.12	22.98	20.05	0.24	20.29	43.27
1992-93	26.21	4.20	30.41	69.19	12.30	81.49	111.90
1993-94	14.60	0.60	15.20	28.20	0.60	28.80	44.00
1994-95	24.20	2.70	26.90	88.20	3.70	91.90	118.80
1995-96	32.00	2.60	34.60	61.10	1.70	62.80	97.40
1996-97	28.90	1.80	30.70	44.70	0.70	45.40	76.10

# ENERGY

Source: Water Management Directorate, WAPDA

## 10.1 Commercial energy supplies

Year	Coal (000 Tonnes)	Crude Oil (000 Barrels)	Natural Gas (MMCF)	Electricity (GWH)
1947-48	245	559	-	118
1948-49	337	854	-	151
1949-50	444	756	-	156
1950-51	513	769	-	206
1951-52	610	1306	-	282
1952-53	593	1803	-	385
1953-54	563	1944	-	469
1954-55	538	2062	1538	594
1955-56	655	2120	8510	726
1956-57	523	2203	12667	830
1957-58	606	2264	16478	1066
1958-59	745	2327	18636	1126
1959-60	830	1966	21581	1047
1960-61	915	2284	27599	1298
1961-62	955	2573	32073	1692
1962-63	1242	3005	36552	2171
1963-64	1257	3167	45721	2712
1964-65	1232	3223	55319	3176
1965-66	1291	3315	66019	3698
1966-67	1280	3145	72230	3925
1967-68	1274	3228	76374	4677
1968-69	1265	3489	94323	5518
1969-70	1230	3507	111208	6380
1970-71	1335	3327	118273	7202
1971-72	1214	3007	124786	7572

Contd.

## 10.1 Commercial energy supplies

Year	Coal (000 Tonnes)	Crude Oil (000 Barrels)	Natural Gas (MMCF)	Electricity (GWH)
1972-73	1196	3061	143094	8377
1973-74	1212	2854	163161	9064
1974-75	1295	2443	175955	9941
1975-76	1055	2512	176214	10319
1976-77	1200	3643	190869	10877
1977-78	1251	3538	199920	12375
1978-79	1287	3710	221341	14174
1979-80	1569	3567	259716	14974
1980-81	1577	3554	299803	16062
1981-82	1750	3956	323333	17688
1982-83	1609	4738	247111	92697
1983-84	1869	4883	346678	21873
1984-85	2238	9522	361850	23003
1985-86	2202	14348	380162	25589
1986-87	2261	14999	402561	28703
1987-88	2749	16310	437311	33091
1988-89	2536	17069	455488	34562
1989-90	2745	19520	498108	37660
1990-91	3054	23485	518483	41042
1991-92	3627	22469	550715	45440
1992-93	3266	21895	583545	48751
1993-94	3534	20675	624229	50640
1994-95	3043	19858	628211	53545
1995-96	3638	21062	666580	56946
1996-97	3553	21270	697763	59119

Source:— (1) Energy Year Book  
(2) Economic Survey

## 10.2 Installed capacity of electricity

(Unit: MW)

(Unit: MW)

Years	Hydel	Thermal	Nuclear	Total
1947-48	11	58	-	69
1948-49	11	63	-	74
1949-50	11	76	-	87
1950-51	21	85	-	106
1951-52	43	87	-	130
1952-53	43	101	-	144
1953-54	63	101	-	164
1954-55	63	105	-	168
1955-56	63	144	-	207
1956-57	65	151	-	216
1957-58	67	162	-	229
1958-59	79	162	-	241
1959-60	240	253	-	493
1960-61	253	268	-	521
1961-62	253	331	-	584
1962-63	267	459	-	726
1963-64	267	475	-	742
1964-65	267	632	-	899
1965-66	267	681	-	948
1966-67	467	844	-	1311
1967-68	567	844	-	1411
1968-69	567	903	-	1470
1969-70	667	1058	-	1725
1970-71	667	1053	137	1857
1971-72	667	1058	137	1862

Contd.

## 10.2 Installed capacity of electricity

(Unit: MW)

Years	Hydel	Thermal	Nuclear	Total
1972-73	767	1068	137	1972
1973-74	867	1068	137	2072
1974-75	867	1426	137	2430
1975-76	867	1524	137	2528
1976-77	1568	1629	137	3334
1977-78	1567	1713	137	3417
1978-79	1567	1763	137	3467
1979-80	1567	1814	137	3518
1980-81	1847	2121	137	4105
1981-82	1947	2121	137	4205
1982-83	2547	2114	137	4798
1983-84	2548	2325	137	5010
1984-85	2898	2580	137	5615
1985-86	2898	3263	137	6298
1986-87	2901	3615	137	6653
1987-88	2898	3776	137	6811
1988-89	2898	4069	137	7104
1989-90	2898	4914	137	7949
1990-91	2898	5741	137	8776
1991-92	3330	5902	137	9369
1992-93	4626	5823	137	10586
1993-94	4726	6456	137	12100
1994-95	4826	7137	137	12100
1995-96	4826	8006	137	12969
1996-97	4826	9771	137	14734

Source:— (1) Energy Year Book  
(2) Economic Survey

10.3 Generation of electricity by source

Unit: GWH					
Years	Hydel	Thermal	Nuclear	Total	
1947-48	24	94	-	118	
1948-49	36	115	-	151	
1949-50	50	106	-	156	
1950-51	59	147	-	206	
1951-52	102	180	-	282	
1952-53	185	200	-	385	
1953-54	242	227	-	469	
1954-55	307	286	-	594	
1955-56	418	308	-	726	
1956-57	437	393	-	830	
1957-58	450	616	-	1066	
1958-59	511	615	-	1126	
1959-60	507	540	-	1047	
1960-61	645	653	-	1298	
1961-62	945	747	-	1692	
1962-63	1176	995	-	2171	
1963-64	1366	1346	-	2712	
1964-65	1362	1814	-	3176	
1965-66	1425	2273	-	3698	
1966-67	1530	2395	-	3925	
1967-68	2482	2195	-	4677	
1968-69	2792	2726	-	5518	
1969-70	2915	3465	-	6380	
1970-71	3449	3752	1	7202	
1971-72	3679	3789	104	7572	

## 10.3 Generation of electricity by source

Unit: GWH				
Years	Hydel	Thermal	Nuclear	Total
1972-73	4335	3738	304	8377
1973-74	4141	4464	459	9064
1974-75	4359	4977	605	9941
1975-76	5435	4274	610	10319
1976-77	5185	5271	421	10877
1977-78	7442	4702	231	12375
1978-79	8232	5836	106	14174
1979-80	8714	6258	2	14974
1980-81	9043	6869	150	16062
1981-82	9522	7983	103	17688
1982-83	11365	81104	228	92697
1983-84	12826	8723	324	21873
1984-85	12241	10416	346	23003
1985-86	13804	11355	430	25589
1986-87	15250	12951	502	28703
1987-88	16690	16147	254	33091
1988-89	16970	17562	30	34562
1989-90	16925	20442	292	37660
1990-91	18303	22354	385	41042
1991-92	18647	26375	418	45440
1992-93	21112	27057	582	48751
1993-94	19436	30707	497	50640
1994-95	22858	30176	511	53545
1995-96	23206	33257	483	56946
1996-97	20858	37915	346	59119

Source:— (1) Energy Year Book  
(2) Economic Survey