Table F-3-5 Comparison of Project Financial Cost and Benefits (9)
- Nong Song Hong (18) -

(UNIT : 000 BAHT)

YEAR	PROJECT COST			BENEFITS	RETURN	PRESENT WORTH VALUE BY DISCOUNT RATE					
						(4 %)		(6 %)		(8 %)	
	CAPITAL	O & M	TOTAL			COST	BENEFITS	COST	BENEFITS	COST	BENEFITS
1 1985	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2 1986	267.	0.	267.	0.	-267.	247.	0.	238.	0.	229.	0.
3 1987	1331.	0.	1331.	0.	-1331.	1183.	0.	1118.	0.	1057.	0.
4 1988	9589.	0.	9589.	0.	-9589.	8197.	0.	7595.	0.	7048.	0.
5 1989	1777.	335.	2112.	628.	-1484.	1736.	516.	1578.	469.	1437.	427.
6 1990	0.	443.	443.	1289.	846.	350.	1018.	312.	908.	279.	812.
7 1991	0.	449.	449.	1327.	878.	341.	1008.	299.	882.	262.	774.
8 1992	0.	455.	455.	1365.	910.	333.	997.	286.	856.	246.	737.
9 1993	0.	462.	462.	1403.	942.	324.	986.	273.	831.	231.	702.
10 1994	0.	468.	468.	1441.	973.	316.	974.	261.	805.	217.	668.
11 1995	0.	474.	474.	1479.	1005.	308.	961.	250.	779.	203.	635.
12 1996	0.	481.	481.	1523.	1042.	301.	951.	239.	757.	191.	605.
13 1997	0.	488.	488.	1567.	1079.	293.	941.	229.	735.	180.	576.
14 1998	0.	496.	496.	1611.	1115.	286.	930.	219.	712.	169.	548.
15 1999	0.	503.	503.	1655.	1152.	279.	919.	210.	690.	158.	522.
16 2000	0.	510.	510.	1698.	1189.	272.	907.	201.	669.	149.	496.
17 2001	0.	510.	510.	1698.	1189.	262.	872.	189.	631.	138.	459.
18 2002	0.	510.	510.	1698.	1189.	252.	838.	179.	595.	128.	425.
19 2003	0.	510.	510.	1698.	1189.	242.	806.	169.	561.	118.	394.
20 2004	0.	510.	510.	1698.	1189.	233.	775.	159.	530.	109.	364.
21 2005	0.	510.	510.	1698.	1189.	224.	745.	150.	500.	101.	337.
22 2006	0.	510.	510.	1698.	1189.	215.	717.	141.	471.	94.	312.
23 2007	0.	510.	510.	1698.	1189.	207.	689.	133.	445.	87.	289.
24 2008	0.	510.	510.	1698.	1189.	199.	663.	126.	419.	80.	268.
25 2009	0.	510.	510.	1698.	1189.	191.	637.	119.	396.	74.	248.
26 2010	0.	510.	510.	1698.	1189.	184.	613.	112.	373.	69.	230.
27 2011	0.	510.	510.	1698.	1189.	177.	589.	106.	352.	64.	213.
28 2012	0.	510.	510.	1698.	1189.	170.	566.	100.	332.	59.	197.
29 2013	0.	510.	510.	1698.	1189.	163.	545.	94.	313.	55.	182.
30 2014	0.	510.	510.	1698.	1189.	157.	524.	89.	296.	51.	169.
31 2015	0.	510.	510.	1698.	1189.	151.	504.	84.	279.	47.	156.
32 2016	0.	510.	510.	1698.	1189.	145.	484.	79.	263.	43.	145.
33 2017	0.	510.	510.	1698.	1189.	140.	466.	75.	248.	40.	134.
34 2018	0.	510.	510.	1698.	1189.	134.	448.	70.	234.	37.	124.
35 2019	9600.	510.	10110.	1698.	-8411.	2562.	430.	1315.	221.	684.	115.
36 2020	0.	510.	510.	1698.	1189.	124.	414.	63.	208.	32.	106.
37 2021	0.	510.	510.	1698.	1189.	119.	398.	59.	197.	30.	98.
38 2022	0.	510.	510.	1698.	1189.	115.	383.	56.	186.	27.	91.
39 2023	0.	510.	510.	1698.	1189.	110.	368.	53.	175.	25.	84.
40 2024	0.	510.	510.	1698.	1189.	106.	354.	50.	165.	23.	78.
41 2025	0.	510.	510.	1698.	1189.	102.	340.	47.	156.	22.	72.
42 2026	0.	510.	510.	1698.	1189.	98.	327.	44.	147.	20.	67.
TOTAL	22564.	18819.	41383.	61145.	19761.	21550.	25602.	17166.	17788.	14314.	12861.

BENEFIT COST RATIO BY DISCOUNT RATE (B/C) = 1.19 (4%), 1.04 (6%), 0.90 (8%)
INTERNAL RATE OF RETURN (IRR) = 6.5 %

Table F-3-5 Comparison of Project Financial Cost and Benefits (10)
- Huai Kha Yung (20) -

(UNIT : 000 BAHT)

YEAR	PROJECT COST			BENEFITS	RETURN	PRESENT WORTH VALUE BY DISCOUNT RATE					
						(4 %)		(6 %)		(8 %)	
	CAPITAL	O & M	TOTAL			COST	BENEFITS	COST	BENEFITS	COST	BENEFITS
1 1985	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2 1986	160.	0.	160.	0.	-160.	148.	0.	142.	0.	137.	0.
3 1987	596.	0.	596.	0.	-596.	530.	0.	500.	0.	473.	0.
4 1988	5265.	0.	5265.	0.	-5265.	4501.	0.	4170.	0.	3870.	0.
5 1989	1738.	315.	2053.	423.	-1631.	1688.	347.	1534.	316.	1397.	288.
6 1990	0.	426.	426.	874.	448.	337.	691.	301.	616.	269.	551.
7 1991	0.	435.	435.	911.	475.	331.	692.	290.	606.	254.	531.
8 1992	0.	444.	444.	948.	503.	325.	692.	279.	595.	240.	512.
9 1993	0.	454.	454.	984.	531.	319.	692.	268.	583.	227.	492.
10 1994	0.	463.	463.	1021.	559.	313.	690.	258.	570.	214.	473.
11 1995	0.	472.	472.	1058.	586.	306.	687.	248.	557.	202.	454.
12 1996	0.	483.	483.	1104.	621.	302.	690.	240.	549.	192.	439.
13 1997	0.	494.	494.	1151.	656.	297.	691.	232.	539.	182.	423.
14 1998	0.	506.	506.	1197.	691.	292.	691.	224.	529.	172.	408.
15 1999	0.	517.	517.	1243.	726.	287.	690.	216.	519.	163.	392.
16 2000	0.	529.	529.	1290.	761.	282.	689.	208.	508.	154.	376.
17 2001	0.	529.	529.	1290.	761.	271.	662.	196.	479.	143.	349.
18 2002	0.	529.	529.	1290.	761.	261.	637.	185.	452.	132.	323.
19 2003	0.	529.	529.	1290.	761.	251.	612.	175.	426.	123.	299.
20 2004	0.	529.	529.	1290.	761.	241.	589.	165.	402.	113.	277.
21 2005	0.	529.	529.	1290.	761.	232.	566.	156.	379.	105.	256.
22 2006	0.	529.	529.	1290.	761.	223.	544.	147.	358.	97.	237.
23 2007	0.	529.	529.	1290.	761.	215.	523.	138.	338.	90.	220.
24 2008	0.	529.	529.	1290.	761.	206.	503.	131.	319.	83.	203.
25 2009	0.	529.	529.	1290.	761.	198.	484.	123.	301.	77.	188.
26 2010	0.	529.	529.	1290.	761.	191.	465.	116.	284.	71.	174.
27 2011	0.	529.	529.	1290.	761.	183.	447.	110.	267.	66.	161.
28 2012	0.	529.	529.	1290.	761.	176.	430.	103.	252.	61.	150.
29 2013	0.	529.	529.	1290.	761.	170.	414.	98.	238.	57.	138.
30 2014	0.	529.	529.	1290.	761.	163.	398.	92.	225.	53.	128.
31 2015	0.	529.	529.	1290.	761.	157.	382.	87.	212.	49.	119.
32 2016	0.	529.	529.	1290.	761.	151.	368.	82.	200.	45.	110.
33 2017	0.	529.	529.	1290.	761.	145.	354.	77.	189.	42.	102.
34 2018	0.	529.	529.	1290.	761.	139.	340.	73.	178.	39.	94.
35 2019	3820.	529.	4349.	1290.	-3059.	1102.	327.	566.	168.	294.	87.
36 2020	0.	529.	529.	1290.	761.	129.	314.	65.	158.	33.	81.
37 2021	0.	529.	529.	1290.	761.	124.	302.	61.	149.	31.	75.
38 2022	0.	529.	529.	1290.	761.	119.	291.	58.	141.	28.	69.
39 2023	0.	529.	529.	1290.	761.	115.	279.	54.	133.	26.	64.
40 2024	0.	529.	529.	1290.	761.	110.	269.	51.	125.	24.	59.
41 2025	0.	529.	529.	1290.	761.	106.	258.	48.	118.	23.	55.
42 2026	0.	529.	529.	1290.	761.	102.	248.	46.	112.	21.	51.
TOTAL	11579.	19286.	30865.	45737.	14872.	15737.	18948.	12315.	13089.	10074.	9408.

BENEFIT COST RATIO BY DISCOUNT RATE (B/C) = 1.20 (4%), 1.06 (6%), 0.93 (8%)
INTERNAL RATE OF RETURN (IRR) = 7.0 %

Table F-3-6 Financial Sensitivity Test of the Project (1)

No.	Water Charge (B/m³)	1. NSD-5 Kham Sakae Sang Cumulated Deficit Years	1. NSD-5 Kham Sakae Sang FIRR	2. NSD-6 Nong Bua Lai Cumulated Deficit Years	2. NSD-6 Nong Bua Lai FIRR	3. NSD-7 Huai Thalaeng Cumulated Deficit Years	3. NSD-7 Huai Thalaeng FIRR	4. NSD-8 Nong Ki Cumulated Deficit Years	4. NSD-8 Nong Ki FIRR	5. NSD-10 Huai Rat Cumulated Deficit Years	5. NSD-10 Huai Rat FIRR
1. Proto-type *1											
1-1	4	-	-	-	-	-	-	22	5.1	-	-
1-2	5	-	-	-	1.5	-	1.7	12	8.6	-	1.5
1-3	6	36	2.7	20	5.1	21	4.9	8	11.5	21	5.0
1-4	7	20	5.2	14	7.7	14	7.3	5	14.1	14	7.6
1-5	8	14	7.3	10	7.9	11	9.2	4	16.6	10	9.8
2. a 10% increase in Construction Cost											
2-1	4	-	-	-	-	-	-	27	4.4	-	-
2-2	5	-	-	-	0.8	-	1.0	14	7.7	-	0.9
2-3	6	-	2.0	26	4.4	25	4.1	9	10.5	25	4.3
2-4	7	24	4.5	17	6.9	16	6.4	6	12.9	16	6.8
2-5	8	16	6.5	13	9.0	12	8.3	5	15.3	12	8.9
3. a 20% increase in Construction Cost											
3-1	4	-	-	-	-	-	-	33	3.7	-	-
3-2	5	-	-	-	0.2	-	0.4	15	6.9	-	0.3
3-3	6	-	1.4	31	3.7	33	3.5	10	9.6	32	3.7
3-4	7	31	3.8	19	6.2	20	5.7	7	11.9	19	6.0
3-5	8	20	5.7	14	8.2	15	7.5	5	14.1	14	8.0
4. a 10% reduction in Water Service											
4-1	4	-	-	-	-	-	-	33	3.6	-	-
4-2	5	-	-	-	-	-	-	15	6.9	-	-
4-3	6	-	0.8	31	3.0	38	2.0	10	9.6	35	3.0
4-4	7	30	3.5	18	5.7	23	4.4	7	12.0	20	5.7
4-5	8	19	5.6	13	7.9	17	6.2	5	14.3	15	7.8
5. a 10% reduction in Charge Collection											
5-1	4	-	-	-	-	-	-	35	3.4	-	-
5-2	5	-	-	-	-	-	-	15	6.9	-	-
5-3	6	-	0.7	31	3.1	39	2.0	10	9.8	34	3.1
5-4	7	30	3.6	18	5.9	23	4.4	7	12.3	20	5.9
5-5	8	18	5.7	13	8.2	16	6.3	5	14.6	14	8.0
6. Combination of 4 and 5.											
6-1	4	-	-	-	-	-	-	-	1.8	-	-
6-2	5	-	-	-	-	-	-	21	5.4	-	-
6-3	6	-	-	-	0.7	-	0.2	13	8.0	-	0.9
6-4	7	-	1.8	26	3.9	32	2.8	9	10.4	29	3.9
6-5	8	27	4.0	17	6.2	22	4.8	5	12.5	19	6.1
7. Combination of 2 and 6											
7-1	4	-	-	-	-	-	-	-	1.2	-	-
7-2	5	-	-	-	-	-	-	25	4.6	-	-
7-3	6	-	-	-	0.0	-	0.6	15	7.2	-	0.2
7-4	7	-	1.1	33	3.2	31	3.3	11	9.4	32	3.2
7-5	8	33	3.3	21	5.4	20	5.2	8	11.5	20	5.4
8. Combination of 3 and 6											
8-1	4	-	-	-	-	-	-	-	0.6	-	-
8-2	5	-	-	-	-	-	-	30	4.0	-	-
8-3	6	-	-	-	-	-	-	17	6.5	-	-
8-4	7	-	0.5	40	2.6	39	2.6	12	8.6	40	2.6
8-5	8	40	2.7	25	4.8	26	4.6	9	10.5	25	4.7

Note: *1 ..... Calculation Condition of the Proto-type is as follows:

1. Local burden in local currency 20%
2. Government subsidy of the construction cost 25%
3. Loan condition

	(Interest)	(Grace Period)	(Repayment Period)
- Foreign currency	4%	10 years	30 years
- Local currency	14%	1 year	10 years

Table F-3-6 Financial Sensitivity Test of the Project (2)

No.	Water Charge (฿/m³)	6. NSD-12 Khun Han Cumulated Deficit Years	6. NSD-12 Khun Han FIRR	7. NSD-13 Kusuman Cumulated Deficit Years	7. NSD-13 Kusuman FIRR	8. NSD-17 Phon Charoen Cumulated Deficit Years	8. NSD-17 Phon Charoen FIRR	9. NSD-18 Nong Song Hong Cumulated Deficit Years	9. NSD-18 Nong Song Hong FIRR	10. NSD-20 Huai Kha Yung Cumulated Deficit Years	10. NSD-20 Huai Kha Yung FIRR
1. Proto-type *1											
1-1	4	-	-	-	-	-	-	-	-	-	-
1-2	5	23	4.4	24	4.5	-	1.9	25	3.9	-	-
1-3	6	15	7.3	14	7.4	23	4.9	15	6.5	-	2.2
1-4	7	11	9.7	10	9.8	14	7.3	11	8.7	22	4.9
1-5	8	9	11.8	7	11.9	10	9.4	8	10.6	15	7.0
2. a 10% increase in Construction Cost											
2-1	4	-	-	-	-	-	-	-	-	-	-
2-2	5	28	3.7	32	3.8	-	1.3	31	3.1	-	-
2-3	6	17	6.5	18	6.5	29	4.2	18	5.7	-	1.6
2-4	7	13	8.8	13	8.8	16	6.5	13	7.7	29	4.1
2-5	8	10	10.8	10	10.9	12	8.5	9	9.6	19	6.2
3. a 20% in crease in Construction Cost											
3-1	4	-	-	-	-	-	-	-	-	-	-
3-2	5	35	3.1	38	3.1	-	0.5	39	2.4	-	-
3-3	6	20	5.8	20	5.8	38	3.5	23	4.9	-	1.0
3-4	7	15	8.0	14	8.0	21	5.7	16	6.9	34	3.5
3-5	8	12	9.9	11	9.9	15	7.7	12	8.7	22	5.5
4. a 10% reduction in Water Service											
4-1	4	-	-	-	-	-	-	-	-	-	-
4-2	5	36	2.4	38	2.6	-	0.3	39	1.8	-	-
4-3	6	20	5.4	19	5.5	35	3.4	21	4.7	-	0.1
4-4	7	14	7.7	13	7.8	19	5.7	14	6.8	34	3.0
4-5	8	11	9.7	10	9.9	13	7.7	11	8.7	21	5.2
5. a 10% reduction in Charge Collection											
5-1	4	-	-	-	-	-	-	-	-	-	-
5-2	5	35	2.6	37	2.7	-	-	37	2.1	-	-
5-3	6	19	5.7	18	5.7	37	3.2	20	5.0	-	0.0
5-4	7	14	8.0	12	8.1	19	5.7	14	7.2	33	3.1
5-5	8	11	10.1	9	10.2	13	7.8	10	9.1	20	5.3
6. Combination of 4 and 5.											
6-1	4	-	-	-	-	-	-	-	-	-	-
6-2	5	-	0.1	-	0.6	-	-	-	-	-	-
6-3	6	27	3.7	28	3.9	-	1.7	30	3.1	-	-
6-4	7	18	6.1	17	6.2	29	4.1	18	5.4	-	1.2
6-5	8	14	8.1	12	8.3	17	6.1	14	7.2	30	3.5
7. Combination of 2 and 6											
7-1	4	-	-	-	-	-	-	-	-	-	-
7-2	5	-	-	-	-	-	-	-	-	-	-
7-3	6	32	3.0	37	3.1	-	1.0	37	2.3	-	-
7-4	7	20	5.4	21	5.5	36	3.5	22	4.6	-	0.5
7-5	8	15	7.3	15	7.4	21	5.4	16	6.4	39	2.8
8. Combination of 3 and 6											
8-1	4	-	-	-	-	-	-	-	-	-	-
8-2	5	-	-	-	-	-	-	-	-	-	-
8-3	6	40	2.4	-	2.5	-	0.3	-	1.7	-	-
8-4	7	25	4.7	25	4.8	-	2.8	30	3.8	-	-
8-5	8	18	6.6	17	6.6	27	4.6	20	5.6	-	2.2

Table F-3-6 Financial Sensitivity Test of the Project (3)

No.	Water Charge (฿/m³)	1. NSD-5 Kham Sakae Sang Cumulated Deficit Years	FIRR	2. NSD-6 Nong Bua Lai Cumulated Deficit Years	FIRR	3. NSD-7 Huai Thalaeng Cumulated Deficit Years	FIRR	4. NSD-8 Nong Ki Cumulated Deficit Years	FIRR	5. NSD-10 Huai Rat Cumulated Deficit Years	FIRR
1. Proto-type *											
1-1	4	-	-	-	-	-	-	22	5.1	-	-
1-2	5	-	-	-	1.5	-	1.7	12	8.6	-	1.5
1-3	6	36	2.7	20	5.1	21	4.9	8	11.5	21	5.0
1-4	7	20	5.2	14	7.7	14	7.3	5	14.1	14	7.6
1-5	8	14	7.3	10	9.9	11	9.2	4	16.6	10	9.8
2. Government Subsidy (50%)											
2-1	4	-	-	-	-	-	-	15	8.3	-	-
2-2	5	-	1.4	31	4.3	29	4.8	7	12.6	36	4.4
2-3	6	24	5.7	14	8.4	14	8.3	4	16.4	16	8.3
2-4	7	14	8.6	9	11.5	9	11.1	4	19.9	11	11.4
2-5	8	9	11.1	6	14.3	6	13.5	3	23.3	8	14.2
3. Government Subsidy (75%)											
3-1	4	-	-	-	-	-	4.0	5	15.8	-	0.4
3-2	5	-	6.9	17	10.3	14	11.3	3	22.7	21	10.4
3-3	6	12	12.2	7	15.8	5	16.0	3	29.1	10	15.8
3-4	7	4	16.4	4	20.5	3	20.2	3	35.1	7	20.5
3-5	8	3	20.2	3	24.9	3	24.0	3	41.0	5	25.0

No.	Water Charge (฿/m³)	6. NSD-12 Khun Han Cumulated Deficit Years	FIRR	7. NSD-13 Kusuman Cumulated Deficit Years	FIRR	8. NSD-17 Phon Charoen Cumulated Deficit Years	FIRR	9. NSD-18 Nong Song Hong Cumulated Deficit Years	FIRR	10. NSD-20 Huai Kha Yung Cumulated Deficit Years	FIRR
1. Proto-type*											
1-1	4	-	-	-	-	-	-	-	-	-	-
1-2	5	23	4.4	24	4.5	-	1.9	25	3.9	-	-
1-3	6	15	7.3	14	7.4	23	4.9	15	6.5	-	2.2
1-4	7	11	9.7	10	9.8	14	7.3	11	8.7	22	4.9
1-5	8	9	11.8	7	11.9	10	9.4	8	10.6	15	7.0
2. Government Subsidy (50%)											
2-1	4	-	2.7	-	3.0	-	-	40	3.0	-	-
2-2	5	17	7.5	16	7.7	39	4.6	16	7.4	-	0.4
2-3	6	11	10.9	9	11.2	14	8.2	9	10.5	28	5.1
2-4	7	7	13.8	5	14.2	8	11.1	6	13.1	15	8.1
2-5	8	5	16.5	4	17.0	5	13.8	4	15.5	10	10.7
3. Government Subsidy (75%)											
3-1	4	26	8.0	26	8.8	-	3.1	18	10.0	-	-
3-2	5	11	14.2	6	15.1	17	10.6	4	15.4	-	5.8
3-3	6	5	19.1	3	20.5	4	15.9	3	19.9	14	11.3
3-4	7	4	23.7	3	25.4	3	20.6	3	24.0	6	15.6
3-5	8	3	28.0	3	30.1	3	25.1	3	28.0	4	19.4

F.4. ECONOMIC ANALYSIS

LIST OF TABLES

Table F-4-1 Estimate of the Project Economic Benefits

Items	Units	Worth
A. Without Project		
1. Average Consumption of water (a)*1	m^3/family/month	11.60
2. Labor Inputs for Bringing and Keeping Water		
-Labor Inputs(b)*1	hours/family month	34.10
-Average Labor Inputs per Cubic Meter (c)=(b)/(a)	hours/m^3	2.94
-Wage Rate (d)*2	฿/hour	3.53
-Economic Wage Rate (e)*3	฿/hour	3.25
-Economic Labor Costs (f)=(c)x(e)	฿/m^3	9.56
3. Expenditure for the Facilities		
-Expenditure (g)*1	฿/family/month	54.0
-Economic Value (h)*4	฿/family/month	45.36
-Economic Value per Cubic Meter (i)=(k)/(a)	฿/m^3	3.91
4. Total Costs Without Project (j)=(f)+(i)	฿/m^3	13.47
B. With Project		
1. Average Consumption of Water (k) (0.090 m^3/capacita/day x 5.0 persons x 30 days)	m^3/family/month	13.50
2. Labor Inputs for Bringing and Keeping Water		
-Labor Inputs (l)	hours/family/month	-
3. Expenditure for the Facilities		
-Expenditure (m)*1,*5	฿/family/month	4.00
-Economic Value (n)*6	฿/family/month	3.76
-Economic Value per Cubic Meter (o)=(n)/(k)	฿/m^3	0.28
4. Total Costs With Project (p)		0.28
C. Benefits (j)-(p)	฿/m^3	13.19

Data Source: *1 ... "Household Finances and Domestic Water Use Survey" in the Project Area, 1985.

Note: *2 ... Average monthly earning at ฿1,059 (฿1,059/30 days/ 10 hours = 3.53 ฿/hour) of unskilled temporary wage earners for wholesale trade in the Northeast is applied. (Source: "Wage Structure in Thailand 1982/83" Bank of Thailand)

*3 ... Labor conversion factor at 0.92 is applied to convert economic value.

*4 ... Capital goods conversion factor at 0.84 is applied.

*5 ... Cost of small container like backet.

*6 ... Consumption good conversion factor at 0.94 is applied.

Table F-4-2 Economic Benefit (1)

YEAR	WITH PROJECT: ANNUAL SUPPLY (CUBIC M.) (1)	WITH PROJECT: COSTS PER CUBIC METER (B) (2)	WITH PROJECT: TOTAL COSTS (000 BAHT) (3)	WITHOUT PROJECT: POPULATION SERVED (PERSONS) (4)	WITHOUT PROJECT: DAILY AVERAGE CONSUMPTION PER CAPITA (5)	WITHOUT PROJECT: ANNUAL CONSUMPTION (CUBIC M.) (6)	WITHOUT PROJECT: COSTS PER CUBIC METER (B) (7)	WITHOUT PROJECT: TOTAL COSTS (000 BAHT) (8)	BENEFITS (8)-(3) (000 BAHT) (9)
1. Kham Sakae Sang (5)									
1 1985	0.	0.280	0.	0.	0.065	0.	13.470	0.	0.
2 1986	0.	0.280	0.	0.	0.065	0.	13.470	0.	0.
3 1987	0.	0.280	0.	0.	0.065	0.	13.470	0.	0.
4 1988	0.	0.280	0.	0.	0.065	0.	13.470	0.	0.
5 1989	66007.	0.280	18.	2009.	0.065	47672.	13.470	642.	624.
6 1990	136268.	0.280	38.	4148.	0.065	98416.	13.470	1326.	1288.
7 1991	141649.	0.280	40.	4312.	0.065	102302.	13.470	1378.	1338.
8 1992	147053.	0.280	41.	4476.	0.065	106205.	13.470	1431.	1389.
9 1993	152434.	0.280	43.	4640.	0.065	110091.	13.470	1483.	1440.
10 1994	157837.	0.280	44.	4805.	0.065	113994.	13.470	1535.	1491.
11 1995	163218.	0.280	46.	4969.	0.065	117880.	13.470	1588.	1542.
12 1996	169933.	0.280	48.	5173.	0.065	122729.	13.470	1653.	1606.
13 1997	176647.	0.280	49.	5377.	0.065	127579.	13.470	1718.	1669.
14 1998	183385.	0.280	51.	5582.	0.065	132445.	13.470	1784.	1733.
15 1999	190100.	0.280	53.	5787.	0.065	137294.	13.470	1849.	1796.
16 2000	196814.	0.280	55.	5991.	0.065	142143.	13.470	1915.	1860.
2. Nong Bua Lai (6)									
1 1985	0.	0.280	0.	0.	0.065	0.	13.470	0.	0.
2 1986	0.	0.280	0.	0.	0.065	0.	13.470	0.	0.
3 1987	0.	0.280	0.	0.	0.065	0.	13.470	0.	0.
4 1988	0.	0.280	0.	0.	0.065	0.	13.470	0.	0.
5 1989	46565.	0.280	13.	1418.	0.065	33630.	13.470	453.	440.
6 1990	96510.	0.280	27.	2938.	0.065	69702.	13.470	939.	912.
7 1991	100902.	0.280	28.	3072.	0.065	72874.	13.470	982.	953.
8 1992	105294.	0.280	29.	3205.	0.065	76046.	13.470	1024.	995.
9 1993	109663.	0.280	31.	3338.	0.065	79201.	13.470	1067.	1036.
10 1994	114055.	0.280	32.	3472.	0.065	82373.	13.470	1110.	1078.
11 1995	118447.	0.280	33.	3606.	0.065	85545.	13.470	1152.	1119.
12 1996	124035.	0.280	35.	3776.	0.065	89581.	13.470	1207.	1172.
13 1997	129623.	0.280	36.	3946.	0.065	93616.	13.470	1261.	1225.
14 1998	135210.	0.280	38.	4116.	0.065	97652.	13.470	1315.	1278.
15 1999	140798.	0.280	39.	4286.	0.065	101688.	13.470	1370.	1330.
16 2000	146386.	0.280	41.	4456.	0.065	105723.	13.470	1424.	1383.

Table F-4-2 Economic Benefit (2)

YEAR	WITH PROJECT: ANNUAL SUPPLY (CUBIC M.) (1)	WITH PROJECT: COSTS PER CUBIC METER (B) (2)	WITH PROJECT: TOTAL COSTS (000 BAHT) (3)	WITHOUT PROJECT: POPULATION SERVED (PERSONS) (4)	WITHOUT PROJECT: DAILY AVERAGE CONSUMPTION PER CAPITA (5)	WITHOUT PROJECT: ANNUAL CONSUMPTION (CUBIC M.) (6)	WITHOUT PROJECT: COSTS PER CUBIC METER (B) (7)	WITHOUT PROJECT: TOTAL COSTS (000 BAHT) (8)	BENEFITS (8)-(3) (000 BAHT) (9)
3. Huai Thalaeng (7)									
1 1985	0.	0.280	0.	0.	0.065	0.	13.470	0.	0.
2 1986	0.	0.280	0.	0.	0.065	0.	13.470	0.	0.
3 1987	0.	0.280	0.	0.	0.065	0.	13.470	0.	0.
4 1988	0.	0.280	0.	0.	0.065	0.	13.470	0.	0.
5 1989	136280.	0.280	38.	4149.	0.065	98424.	13.470	1326.	1288.
6 1990	282930.	0.280	79.	8613.	0.065	204339.	13.470	2752.	2673.
7 1991	296474.	0.280	83.	9025.	0.065	214120.	13.470	2884.	2801.
8 1992	310041.	0.280	87.	9438.	0.065	223919.	13.470	3016.	2929.
9 1993	323585.	0.280	91.	9850.	0.065	233701.	13.470	3148.	3057.
10 1994	337153.	0.280	94.	10263.	0.065	243499.	13.470	3280.	3186.
11 1995	350697.	0.280	98.	10676.	0.065	253281.	13.470	3412.	3313.
12 1996	368058.	0.280	103.	11204.	0.065	265820.	13.470	3581.	3478.
13 1997	385442.	0.280	108.	11733.	0.065	278375.	13.470	3750.	3642.
14 1998	402803.	0.280	113.	12262.	0.065	290913.	13.470	3919.	3806.
15 1999	420187.	0.280	118.	12791.	0.065	303469.	13.470	4088.	3970.
16 2000	437549.	0.280	123.	13320.	0.065	316007.	13.470	4257.	4134.
4. Nong Ki (8)									
1 1985	0.	0.280	0.	0.	0.065	0.	13.470	0.	0.
2 1986	0.	0.280	0.	0.	0.065	0.	13.470	0.	0.
3 1987	0.	0.280	0.	0.	0.065	0.	13.470	0.	0.
4 1988	0.	0.280	0.	0.	0.065	0.	13.470	0.	0.
5 1989	181511.	0.280	51.	5525.	0.065	131091.	13.470	1766.	1715.
6 1990	375370.	0.280	105.	11427.	0.065	271101.	13.470	3652.	3547.
7 1991	391168.	0.280	110.	11908.	0.065	282510.	13.470	3805.	3696.
8 1992	406988.	0.280	114.	12389.	0.065	293936.	13.470	3959.	3845.
9 1993	422786.	0.280	118.	12870.	0.065	305345.	13.470	4113.	3995.
10 1994	438606.	0.280	123.	13352.	0.065	316771.	13.470	4267.	4144.
11 1995	454404.	0.280	127.	13833.	0.065	328181.	13.470	4421.	4293.
12 1996	474318.	0.280	133.	14439.	0.065	342563.	13.470	4614.	4482.
13 1997	494208.	0.280	138.	15044.	0.065	356928.	13.470	4808.	4669.
14 1998	514122.	0.280	144.	15651.	0.065	371310.	13.470	5002.	4858.
15 1999	534013.	0.280	150.	16256.	0.065	385676.	13.470	5195.	5046.
16 2000	553926.	0.280	155.	16862.	0.065	400058.	13.470	5389.	5234.

Table F-4-2 Economic Benefit (3)

YEAR	WITH PROJECT: ANNUAL SUPPLY (CUBIC M.) (1)	WITH PROJECT: COSTS PER CUBIC METER (B) (2)	WITH PROJECT: TOTAL COSTS (000 BAHT) (3)	WITHOUT PROJECT: POPULATION SERVED (PERSONS) (4)	WITHOUT PROJECT: DAILY AVERAGE CONSUMPTION PER CAPITA (5)	WITHOUT PROJECT: ANNUAL CONSUMPTION (CUBIC M.) (6)	WITHOUT PROJECT: COSTS PER CUBIC METER (B) (7)	WITHOUT PROJECT: TOTAL COSTS (000 BAHT) (8)	BENEFITS (8)-(3) (000 BAHT) (9)
5. Huai Rat (10)									
1 1985	0.	0.280	0.	0.	0.065	0.	13.470	0.	0.
2 1986	0.	0.280	0.	0.	0.065	0.	13.470	0.	0.
3 1987	0.	0.280	0.	0.	0.065	0.	13.470	0.	0.
4 1988	0.	0.280	0.	0.	0.065	0.	13.470	0.	0.
5 1989	52624.	0.280	15.	1602.	0.065	38006.	13.470	512.	497.
6 1990	108881.	0.280	30.	3314.	0.065	78637.	13.470	1059.	1029.
7 1991	113549.	0.280	32.	3457.	0.065	82008.	13.470	1105.	1073.
8 1992	118240.	0.280	33.	3599.	0.065	85396.	13.470	1150.	1117.
9 1993	122908.	0.280	34.	3741.	0.065	88767.	13.470	1196.	1161.
10 1994	127599.	0.280	36.	3884.	0.065	92155.	13.470	1241.	1206.
11 1995	132267.	0.280	37.	4026.	0.065	95526.	13.470	1287.	1250.
12 1996	138177.	0.280	39.	4206.	0.065	99794.	13.470	1344.	1306.
13 1997	144087.	0.280	40.	4386.	0.065	104063.	13.470	1402.	1361.
14 1998	149996.	0.280	42.	4566.	0.065	108331.	13.470	1459.	1417.
15 1999	155906.	0.280	44.	4746.	0.065	112599.	13.470	1517.	1473.
16 2000	161816.	0.280	45.	4926.	0.065	116867.	13.470	1574.	1529.
6. Khun Han (12)									
1 1985	0.	0.280	0.	0.	0.065	0.	13.470	0.	0.
2 1986	0.	0.280	0.	0.	0.065	0.	13.470	0.	0.
3 1987	0.	0.280	0.	0.	0.065	0.	13.470	0.	0.
4 1988	0.	0.280	0.	0.	0.065	0.	13.470	0.	0.
5 1989	46887.	0.280	13.	1427.	0.065	33863.	13.470	456.	443.
6 1990	98097.	0.280	27.	2986.	0.065	70848.	13.470	954.	927.
7 1991	103914.	0.280	29.	3163.	0.065	75049.	13.470	1011.	982.
8 1992	109709.	0.280	31.	3340.	0.065	79234.	13.470	1067.	1037.
9 1993	115527.	0.280	32.	3517.	0.065	83436.	13.470	1124.	1092.
10 1994	121322.	0.280	34.	3693.	0.065	87621.	13.470	1180.	1146.
11 1995	127139.	0.280	36.	3870.	0.065	91823.	13.470	1237.	1201.
12 1996	134774.	0.280	38.	4103.	0.065	97336.	13.470	1311.	1273.
13 1997	142408.	0.280	40.	4335.	0.065	102850.	13.470	1385.	1346.
14 1998	150065.	0.280	42.	4568.	0.065	108380.	13.470	1460.	1418.
15 1999	157700.	0.280	44.	4801.	0.065	113894.	13.470	1534.	1490.
16 2000	165334.	0.280	46.	5033.	0.065	119408.	13.470	1608.	1562.

Table F-4-2 Economic Benefit (4)

YEAR	WITH PROJECT: ANNUAL SUPPLY (CUBIC M.) ---(1)---	WITH PROJECT: COSTS PER CUBIC METER (B) ---(2)---	WITH PROJECT: TOTAL COSTS (000 BAHT) ---(3)---	WITHOUT PROJECT: POPULATION SERVED (PERSONS) ---(4)---	WITHOUT PROJECT: DAILY AVERAGE CONSUMPTION PER CAPITA ----(5)----	WITHOUT PROJECT: ANNUAL CONSUMPTION (CUBIC M.) ----(6)----	WITHOUT PROJECT: COSTS PER CUBIC METER (B) ---(7)----	WITHOUT PROJECT: TOTAL COSTS (000 BAHT) ---(8)----	BENEFITS (8)-(3) (000 BAHT) ---(9)----
7. Kusuman (13)									
1 1985	0.	0.280	0.	0.	0.065	0.	13.470	0.	0.
2 1986	0.	0.280	0.	0.	0.065	0.	13.470	0.	0.
3 1987	0.	0.280	0.	0.	0.065	0.	13.470	0.	0.
4 1988	0.	0.280	0.	0.	0.065	0.	13.470	0.	0.
5 1989	70641.	0.280	20.	2150.	0.065	51018.	13.470	687.	667.
6 1990	145397.	0.280	41.	4426.	0.065	105009.	13.470	1414.	1374.
7 1991	150502.	0.280	42.	4581.	0.065	108696.	13.470	1464.	1422.
8 1992	155607.	0.280	44.	4737.	0.065	112383.	13.470	1514.	1470.
9 1993	160712.	0.280	45.	4892.	0.065	116070.	13.470	1563.	1518.
10 1994	165817.	0.280	46.	5048.	0.065	119757.	13.470	1613.	1567.
11 1995	170922.	0.280	48.	5203.	0.065	123443.	13.470	1663.	1615.
12 1996	177153.	0.280	50.	5393.	0.065	127944.	13.470	1723.	1674.
13 1997	183385.	0.280	51.	5582.	0.065	132445.	13.470	1784.	1733.
14 1998	189617.	0.280	53.	5772.	0.065	136945.	13.470	1845.	1792.
15 1999	195848.	0.280	55.	5962.	0.065	141446.	13.470	1905.	1850.
16 2000	202080.	0.280	57.	6152.	0.065	145947.	13.470	1966.	1909.
8. Phon Charoen (17)									
1 1985	0.	0.280	0.	0.	0.065	0.	13.470	0.	0.
2 1986	0.	0.280	0.	0.	0.065	0.	13.470	0.	0.
3 1987	0.	0.280	0.	0.	0.065	0.	13.470	0.	0.
4 1988	0.	0.280	0.	0.	0.065	0.	13.470	0.	0.
5 1989	128232.	0.280	36.	3904.	0.065	92612.	13.470	1247.	1212.
6 1990	263155.	0.280	74.	8011.	0.065	190056.	13.470	2560.	2486.
7 1991	270950.	0.280	76.	8248.	0.065	195686.	13.470	2636.	2560.
8 1992	278745.	0.280	78.	8485.	0.065	201316.	13.470	2712.	2634.
9 1993	286541.	0.280	80.	8723.	0.065	206946.	13.470	2788.	2707.
10 1994	294336.	0.280	82.	8960.	0.065	212576.	13.470	2863.	2781.
11 1995	302131.	0.280	85.	9197.	0.065	218206.	13.470	2939.	2855.
12 1996	311076.	0.280	87.	9470.	0.065	224666.	13.470	3026.	2939.
13 1997	320021.	0.280	90.	9742.	0.065	231126.	13.470	3113.	3024.
14 1998	328966.	0.280	92.	10014.	0.065	237587.	13.470	3200.	3108.
15 1999	337911.	0.280	95.	10286.	0.065	244047.	13.470	3287.	3193.
16 2000	346856.	0.280	97.	10559.	0.065	250507.	13.470	3374.	3277.

Table F-4-2 Economic Benefit (5)

YEAR	WITH PROJECT: ANNUAL SUPPLY (CUBIC M.) (1)	WITH PROJECT: COSTS PER CUBIC METER (B) (2)	WITH PROJECT: TOTAL COSTS (000 BAHT) (3)	WITHOUT PROJECT: POPULATION SERVED (PERSONS) (4)	WITHOUT PROJECT: DAILY AVERAGE CONSUMPTION PER CAPITA (5)	WITHOUT PROJECT: ANNUAL CONSUMPTION (CUBIC M.) (6)	WITHOUT PROJECT: COSTS PER CUBIC METER (B) (7)	WITHOUT PROJECT: TOTAL COSTS (000 BAHT) (8)	BENEFITS (8)-(3) (000 BAHT) (9)
9. Nong Song Hong (18)									
1 1985	0.	0.280	0.	0.	0.065	0.	13.470	0.	0.
2 1986	0.	0.280	0.	0.	0.065	0.	13.470	0.	0.
3 1987	0.	0.280	0.	0.	0.065	0.	13.470	0.	0.
4 1988	0.	0.280	0.	0.	0.065	0.	13.470	0.	0.
5 1989	104650.	0.280	29.	3186.	0.065	75581.	13.470	1018.	989.
6 1990	214773.	0.280	60.	6538.	0.065	155114.	13.470	2089.	2029.
7 1991	221143.	0.280	62.	6732.	0.065	159714.	13.470	2151.	2089.
8 1992	227489.	0.280	64.	6925.	0.065	164298.	13.470	2213.	2149.
9 1993	233859.	0.280	65.	7119.	0.065	168898.	13.470	2275.	2210.
10 1994	240206.	0.280	67.	7312.	0.065	173482.	13.470	2337.	2270.
11 1995	246575.	0.280	69.	7506.	0.065	178082.	13.470	2399.	2330.
12 1996	253865.	0.280	71.	7728.	0.065	183347.	13.470	2470.	2399.
13 1997	261177.	0.280	73.	7951.	0.065	188628.	13.470	2541.	2468.
14 1998	268466.	0.280	75.	8172.	0.065	193892.	13.470	2612.	2537.
15 1999	275779.	0.280	77.	8395.	0.065	199174.	13.470	2683.	2606.
16 2000	283068.	0.280	79.	8617.	0.065	204438.	13.470	2754.	2675.
10. Huai Kha Yung (20)									
1 1985	0.	0.280	0.	0.	0.065	0.	13.470	0.	0.
2 1986	0.	0.280	0.	0.	0.065	0.	13.470	0.	0.
3 1987	0.	0.280	0.	0.	0.065	0.	13.470	0.	0.
4 1988	0.	0.280	0.	0.	0.065	0.	13.470	0.	0.
5 1989	52831.	0.280	15.	1608.	0.065	38156.	13.470	514.	499.
6 1990	109249.	0.280	31.	3326.	0.065	78902.	13.470	1063.	1032.
7 1991	113848.	0.280	32.	3466.	0.065	82224.	13.470	1108.	1076.
8 1992	118447.	0.280	33.	3606.	0.065	85545.	13.470	1152.	1119.
9 1993	123046.	0.280	34.	3746.	0.065	88867.	13.470	1197.	1163.
10 1994	127645.	0.280	36.	3886.	0.065	92188.	13.470	1242.	1206.
11 1995	132244.	0.280	37.	4026.	0.065	95510.	13.470	1287.	1249.
12 1996	138039.	0.280	39.	4202.	0.065	99695.	13.470	1343.	1304.
13 1997	143834.	0.280	40.	4378.	0.065	103880.	13.470	1399.	1359.
14 1998	149628.	0.280	42.	4555.	0.065	108065.	13.470	1456.	1414.
15 1999	155423.	0.280	44.	4731.	0.065	112250.	13.470	1512.	1468.
16 2000	161218.	0.280	45.	4908.	0.065	116435.	13.470	1568.	1523.

Table F-4-3 Financial and Economic Construction Cost (1)

(UNIT : 000 BAHT)

COST ITEMS	FOREIGN CURRENCY (1)	LOCAL CURRENCY FINANCIAL (2)	LOCAL CURRENCY ECONOMIC (3)	TOTAL FINANCIAL (4)	TOTAL ECONOMIC (5)
1. Kham Sakae Sang (5)					
1. CONSTRUCTION COST					
1) INTAKE WORK	680.	440.	387. *5	1120.	1067.
2) TRANSMISSION	970.	810.	713. *5	1780.	1683.
3) TREATMENT PLANT	1750.	1720.	1514. *5	3470.	3264.
4) DISTRIBUTION LINE	1620.	1480.	1302. *5	3100.	2922.
SUB-TOTAL	5020.	4450.	3916.	9470.	8936.
2. LAND COST	0.	200.	200.	200.	200.
3. HOUSE CONECTION	1900.	590.	519. *5	2490.	2419.
4. ENGINEERING	752.	188.	165. *5	940.	917.
5. ADMINISTRATION	188.	752.	662. *5	940.	850.
TOTAL	7860.	6180.	5462.	14040.	13322.
6. CONTINGENCY	596.	559.	492. *5	1155.	1088.
T O T A L	8456.	6739.	5954.	15195.	14410.
2. Nong Bua Lai (6)					
1. CONSTRUCTION COST					
1) INTAKE WORK	280.	190.	167. *5	470.	447.
2) TRANSMISSION	0.	0.	0. *5	0.	0.
3) TREATMENT PLANT	1500.	1400.	1232. *5	2900.	2732.
4) DISTRIBUTION LINE	1040.	960.	845. *5	2000.	1885.
SUB-TOTAL	2820.	2550.	2244.	5370.	5064.
2. LAND COST	0.	50.	50.	50.	50.
3. HOUSE CONECTION	920.	430.	378. *5	1350.	1298.
4. ENGINEERING	420.	110.	97. *5	530.	517.
5. ADMINISTRATION	110.	420.	370. *5	530.	480.
TOTAL	4270.	3560.	3139.	7830.	7409.
6. CONTINGENCY	335.	313.	275. *5	648.	610.
T O T A L	4605.	3873.	3414.	8478.	8019.
3. Huai Thalaeng (7)					
1. CONSTRUCTION COST					
1) INTAKE WORK	4250.	3390.	2983. *5	7640.	7233.
2) TRANSMISSION	1630.	1280.	1126. *5	2910.	2756.
3) TREATMENT PLANT	2200.	2150.	1892. *5	4350.	4092.
4) DISTRIBUTION LINE	2010.	1970.	1734. *5	3980.	3744.
SUB-TOTAL	10090.	8790.	7735.	18880.	17825.
2. LAND COST	0.	50.	50.	50.	50.
3. HOUSE CONECTION	2660.	1240.	1091. *5	3900.	3751.
4. ENGINEERING	1510.	380.	334. *5	1890.	1844.
5. ADMINISTRATION	380.	1510.	1329. *5	1890.	1709.
TOTAL	14640.	11970.	10540.	26610.	25180.
6. CONTINGENCY	1198.	1073.	944. *5	2271.	2142.
T O T A L	15838.	13043.	11484.	28881.	27322.
4. Nong Ki (8)					
1. CONSTRUCTION COST					
1) INTAKE WORK	620.	230.	202. *5	850.	822.
2) TRANSMISSION	1150.	850.	748. *5	2000.	1898.
3) TREATMENT PLANT	2400.	2160.	1901. *5	4560.	4301.
4) DISTRIBUTION LINE	3710.	3870.	3406. *5	7580.	7116.
SUB-TOTAL	7880.	7110.	6257.	14990.	14137.
2. LAND COST	0.	0.	0.	0.	0.
3. HOUSE CONECTION	4300.	2000.	1760. *5	6300.	6060.
4. ENGINEERING	1200.	300.	264. *5	1500.	1464.
5. ADMINISTRATION	300.	1200.	1056. *5	1500.	1356.
TOTAL	13680.	10610.	9337.	24290.	23017.
6. CONTINGENCY	938.	861.	758. *5	1799.	1696.
T O T A L	14618.	11471.	10094.	26089.	24712.

NOTE : FOLLOWING CONVERSION FACTORS ARE APPLIED TO CONVERT ECONOMIC VALUE

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- *2 ... 0.94 OF CONSUMPTION GOODS CONVERSION FACTOR
- *3 ... 0.94 OF INTERMEDIATE GOODS CONVERSION FACTOR
- *4 ... 0.84 OF CAPITAL GOODS CONVERSION FACTOR
- *5 ... 0.88 OF CONSTRUCTION CONVERSION FACTOR
- *6 ... 0.87 OF TRANSPORTATION CONVERSION FACTOR
- *7 ... 0.92 OF LABOR CONVERSION FACTOR

Table F-4-3 Financial and Economic Construction Cost (2)

(UNIT : 000 BAHT)

COST ITEMS	FOREIGN CURRENCY (1)	LOCAL CURRENCY FINANCIAL (2)	LOCAL CURRENCY ECONOMIC (3)	TOTAL FINANCIAL (4)	TOTAL ECONOMIC (5)
5. Huai Rat (10)					
1. CONSTRUCTION COST					
1) INTAKE WORK	340.	220.	194. *5	560.	534.
2) TRANSMISSION	20.	20.	18. *5	40.	38.
3) TREATMENT PLANT	1500.	1430.	1258. *5	2930.	2758.
4) DISTRIBUTION LINE	1360.	1310.	1153. *5	2670.	2513.
SUB-TOTAL	3220.	2980.	2622.	6200.	5842.
2. LAND COST	0.	0.	0.	0.	0.
3. HOUSE CONECTION	1900.	590.	519. *5	2490.	2419.
4. ENGINEERING	496.	124.	109. *5	620.	605.
5. ADMINISTRATION	124.	496.	436. *5	620.	560.
TOTAL	5740.	4190.	3687.	9930.	9427.
6. CONTINGENCY	384.	360.	317. *5	744.	701.
T O T A L	6124.	4550.	4004.	10674.	10128.
6. Khun Han (12)					
1. CONSTRUCTION COST					
1) INTAKE WORK	300.	210.	185. *5	510.	485.
2) TRANSMISSION	80.	70.	62. *5	150.	142.
3) TREATMENT PLANT	1500.	1430.	1258. *5	2930.	2758.
4) DISTRIBUTION LINE	990.	920.	810. *5	1910.	1800.
SUB-TOTAL	2870.	2630.	2314.	5500.	5184.
2. LAND COST	0.	0.	0.	0.	0.
3. HOUSE CONECTION	1260.	580.	510. *5	1840.	1770.
4. ENGINEERING	440.	110.	97. *5	550.	537.
5. ADMINISTRATION	110.	440.	387. *5	550.	497.
TOTAL	4680.	3760.	3309.	8440.	7989.
6. CONTINGENCY	342.	318.	280. *5	660.	622.
T O T A L	5022.	4078.	3589.	9100.	8611.
7. Kusuman (13)					
1. CONSTRUCTION COST					
1) INTAKE WORK	690.	180.	158. *5	870.	848.
2) TRANSMISSION	410.	440.	387. *5	850.	797.
3) TREATMENT PLANT	1530.	1310.	1153. *5	2840.	2683.
4) DISTRIBUTION LINE	1440.	1350.	1188. *5	2790.	2628.
SUB-TOTAL	4070.	3280.	2886.	7350.	6956.
2. LAND COST	0.	50.	50.	50.	50.
3. HOUSE CONECTION	1900.	900.	792. *5	2800.	2692.
4. ENGINEERING	584.	146.	128. *5	730.	712.
5. ADMINISTRATION	146.	584.	514. *5	730.	660.
TOTAL	6700.	4960.	4371.	11660.	11071.
6. CONTINGENCY	480.	406.	357. *5	886.	837.
T O T A L	7180.	5366.	4728.	12546.	11908.
8. Phon Charoen (17)					
1. CONSTRUCTION COST					
1) INTAKE WORK	690.	270.	238. *5	960.	928.
2) TRANSMISSION	3390.	2680.	2358. *5	6070.	5748.
3) TREATMENT PLANT	2000.	1860.	1637. *5	3860.	3637.
4) DISTRIBUTION LINE	1880.	2110.	1857. *5	3990.	3737.
SUB-TOTAL	7960.	6920.	6090.	14880.	14050.
2. LAND COST	0.	0.	0.	0.	0.
3. HOUSE CONECTION	2700.	1200.	1056. *5	3900.	3756.
4. ENGINEERING	1180.	300.	264. *5	1480.	1444.
5. ADMINISTRATION	300.	1180.	1038. *5	1480.	1338.
TOTAL	12140.	9600.	8448.	21740.	20588.
6. CONTINGENCY	944.	840.	739. *5	1784.	1683.
T O T A L	13084.	10440.	9187.	23524.	22271.

NOTE : FOLLOWING CONVERSION FACTORS ARE APPLIED TO CONVERT ECONOMIC VALUE

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- *3 ... 0.94 OF INTERMEDIATE GOODS CONVERSION FACTOR
- *4 ... 0.84 OF CAPITAL GOODS CONVERSION FACTOR
- *5 ... 0.88 OF CONSTRUCTION CONVERSION FACTOR
- *6 ... 0.87 OF TRANSPORTATION CONVERSION FACTOR
- *7 ... 0.92 OF LABOR CONVERSION FACTOR

Table F-4-3 Financial and Economic Construction Cost (3)

(UNIT : 000 BAHT)

COST ITEMS	FOREIGN CURRENCY (1)	LOCAL CURRENCY FINANCIAL (2)	LOCAL CURRENCY ECONOMIC (3)	TOTAL FINANCIAL (4)	TOTAL ECONOMIC (5)
9. Nong Song Hong (18)					
1. CONSTRUCTION COST					
1) INTAKE WORK	3070.	2830.	2490. *5	5900.	5560.
2) TRANSMISSION	40.	30.	26. *5	70.	66.
3) TREATMENT PLANT	1900.	1800.	1584. *5	3700.	3484.
4) DISTRIBUTION LINE	1790.	1610.	1417. *5	3400.	3207.
SUB-TOTAL	6800.	6270.	5518.	13070.	12318.
2. LAND COST	0.	50.	50.	50.	50.
3. HOUSE CONECTION	1600.	700.	616. *5	2300.	2216.
4. ENGINEERING	1040.	260.	229. *5	1300.	1269.
5. ADMINISTRATION	260.	1040.	915. *5	1300.	1175.
TOTAL	9700.	8320.	7328.	18020.	17028.
6. CONTINGENCY	810.	762.	671. *5	1572.	1481.
T O T A L	10510.	9082.	7998.	19592.	18508.
10. Huai Kha Yung (20)					
1. CONSTRUCTION COST					
1) INTAKE WORK	580.	310.	273. *5	890.	853.
2) TRANSMISSION	170.	140.	123. *5	310.	293.
3) TREATMENT PLANT	1490.	1440.	1267. *5	2930.	2757.
4) DISTRIBUTION LINE	1890.	1780.	1566. *5	3670.	3456.
SUB-TOTAL	4130.	3670.	3230.	7800.	7360.
2. LAND COST	0.	50.	50.	50.	50.
3. HOUSE CONECTION	1300.	600.	528. *5	1900.	1828.
4. ENGINEERING	624.	156.	137. *5	780.	761.
5. ADMINISTRATION	156.	624.	549. *5	780.	705.
TOTAL	6210.	5100.	4494.	11310.	10704.
6. CONTINGENCY	491.	450.	396. *5	941.	887.
T O T A L	6701.	5550.	4890.	12251.	11591.

NOTE : FOLLOWING CONVERSION FACTORS ARE APPLIED TO CONVERT ECONOMIC VALUE
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- *3 ... 0.94 OF INTERMEDIATE GOODS CONVERSION FACTOR
- *4 ... 0.84 OF CAPITAL GOODS CONVERSION FACTOR
- *5 ... 0.88 OF CONSTRUCTION CONVERSION FACTOR
- *6 ... 0.87 OF TRANSPORTATION CONVERSION FACTOR
- *7 ... 0.92 OF LABOR CONVERSION FACTOR

Table F-4-4 Revaluation of Project Operation and Maintenance Cost (1)

(UNIT : 000 BAHT)

	CONSTANT VALUE IN 1985						ECONOMIC VALUE					
	POWER	CHEMICAL	REPAIRING	SALARY	OTHER EXPENSES	TOTAL	POWER *1	CHEMICAL *2	REPAIRING *4	SALARY *7	OTHER EXPENSES *1	TOTAL
1. Kham Sakae Sang (5)												
1 1985	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2 1986	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3 1987	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 1988	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5 1989	110.	25.	38.	150.	30.	353.	101.	23.	32.	138.	28.	322.
6 1990	228.	51.	38.	150.	30.	496.	209.	48.	32.	138.	28.	455.
7 1991	236.	53.	38.	150.	30.	507.	218.	49.	32.	138.	28.	465.
8 1992	246.	55.	38.	150.	30.	518.	226.	51.	32.	138.	28.	475.
9 1993	255.	57.	38.	150.	30.	529.	234.	53.	32.	138.	28.	485.
10 1994	264.	59.	38.	150.	30.	540.	242.	55.	32.	138.	28.	495.
11 1995	273.	61.	38.	150.	30.	551.	251.	57.	32.	138.	28.	505.
12 1996	284.	63.	38.	150.	30.	565.	261.	59.	32.	138.	28.	518.
13 1997	295.	66.	38.	150.	30.	579.	271.	62.	32.	138.	28.	531.
14 1998	306.	68.	38.	150.	30.	592.	282.	64.	32.	138.	28.	543.
15 1999	317.	71.	38.	150.	30.	606.	292.	66.	32.	138.	28.	556.
16 2000	329.	73.	38.	150.	30.	620.	302.	69.	32.	138.	28.	569.
2. Nong Bua Lai (6)												
1 1985	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2 1986	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3 1987	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 1988	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5 1989	51.	22.	21.	150.	30.	274.	47.	21.	18.	138.	28.	251.
6 1990	105.	46.	21.	150.	30.	352.	97.	43.	18.	138.	28.	323.
7 1991	110.	48.	21.	150.	30.	359.	101.	45.	18.	138.	28.	330.
8 1992	115.	50.	21.	150.	30.	366.	105.	47.	18.	138.	28.	336.
9 1993	119.	52.	21.	150.	30.	373.	110.	49.	18.	138.	28.	343.
10 1994	124.	54.	21.	150.	30.	380.	114.	51.	18.	138.	28.	349.
11 1995	129.	56.	21.	150.	30.	387.	119.	53.	18.	138.	28.	355.
12 1996	135.	59.	21.	150.	30.	396.	124.	56.	18.	138.	28.	363.
13 1997	141.	62.	21.	150.	30.	404.	130.	58.	18.	138.	28.	371.
14 1998	147.	64.	21.	150.	30.	413.	135.	61.	18.	138.	28.	380.
15 1999	153.	67.	21.	150.	30.	422.	141.	63.	18.	138.	28.	388.
16 2000	159.	70.	21.	150.	30.	430.	147.	66.	18.	138.	28.	396.

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- *3 ... 0.94 OF INTERMEDIATE GOODS CONVERSION FACTOR
- *4 ... 0.84 OF CAPITAL GOODS CONVERSION FACTOR
- *5 ... 0.88 OF CONSTRUCTION CONVERSION FACTOR
- *6 ... 0.87 OF TRANSPORTATION CONVERSION FACTOR
- *7 ... 0.92 OF LABOR CONVERSION FACTOR

Table F-4-4 Revaluation of Project Operation and Maintenance Cost (2)

(UNIT : 000 BAHT)

	CONSTANT VALUE IN 1985						ECONOMIC VALUE					
	POWER	CHEMICAL	REPAIRING	SALARY	OTHER EXPENSES	TOTAL	POWER *1	CHEMICAL *2	REPAIRING *4	SALARY *7	OTHER EXPENSES *1	TOTAL
3. Huai Thalaeng (7)												
1 1985	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2 1986	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3 1987	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 1988	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5 1989	228.	36.	75.	175.	35.	549.	210.	34.	63.	161.	32.	500.
6 1990	474.	75.	75.	175.	35.	834.	436.	71.	63.	161.	32.	763.
7 1991	497.	79.	75.	175.	35.	860.	457.	74.	63.	161.	32.	787.
8 1992	519.	82.	75.	175.	35.	887.	478.	77.	63.	161.	32.	811.
9 1993	542.	86.	75.	175.	35.	913.	499.	81.	63.	161.	32.	836.
10 1994	565.	90.	75.	175.	35.	939.	520.	84.	63.	161.	32.	860.
11 1995	587.	93.	75.	175.	35.	965.	540.	88.	63.	161.	32.	884.
12 1996	617.	98.	75.	175.	35.	999.	567.	92.	63.	161.	32.	915.
13 1997	646.	102.	75.	175.	35.	1033.	594.	96.	63.	161.	32.	946.
14 1998	675.	107.	75.	175.	35.	1067.	621.	101.	63.	161.	32.	977.
15 1999	704.	112.	75.	175.	35.	1100.	648.	105.	63.	161.	32.	1009.
16 2000	733.	116.	75.	175.	35.	1134.	674.	109.	63.	161.	32.	1040.
4. Nong Ki (8)												
1 1985	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2 1986	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3 1987	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 1988	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5 1989	203.	70.	59.	175.	35.	542.	186.	66.	50.	161.	32.	495.
6 1990	419.	145.	59.	175.	35.	834.	386.	136.	50.	161.	32.	765.
7 1991	437.	151.	59.	175.	35.	857.	402.	142.	50.	161.	32.	787.
8 1992	455.	157.	59.	175.	35.	881.	418.	148.	50.	161.	32.	809.
9 1993	472.	163.	59.	175.	35.	905.	434.	153.	50.	161.	32.	831.
10 1994	490.	169.	59.	175.	35.	929.	451.	159.	50.	161.	32.	853.
11 1995	507.	175.	59.	175.	35.	952.	467.	165.	50.	161.	32.	875.
12 1996	530.	183.	59.	175.	35.	982.	487.	172.	50.	161.	32.	903.
13 1997	552.	191.	59.	175.	35.	1012.	508.	179.	50.	161.	32.	930.
14 1998	574.	199.	59.	175.	35.	1042.	528.	187.	50.	161.	32.	958.
15 1999	596.	206.	59.	175.	35.	1072.	549.	194.	50.	161.	32.	986.
16 2000	619.	214.	59.	175.	35.	1102.	569.	201.	50.	161.	32.	1013.

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Table F-4-4 Revaluation of Project Operation and Maintenance Cost (3)

(UNIT : 000 BAHT)

	CONSTANT VALUE IN 1985						ECONOMIC VALUE					
	POWER	CHEMICAL	REPAIRING	SALARY	OTHER EXPENSES	TOTAL	POWER *1	CHEMICAL *2	REPAIRING *4	SALARY *7	OTHER EXPENSES *1	TOTAL
5. Huai Rat (10)												
1 1985	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2 1986	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3 1987	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 1988	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5 1989	59.	29.	25.	150.	30.	292.	54.	27.	21.	138.	28.	268.
6 1990	122.	60.	25.	150.	30.	386.	112.	56.	21.	138.	28.	355.
7 1991	127.	63.	25.	150.	30.	394.	117.	59.	21.	138.	28.	362.
8 1992	132.	65.	25.	150.	30.	402.	121.	61.	21.	138.	28.	369.
9 1993	137.	68.	25.	150.	30.	410.	126.	64.	21.	138.	28.	376.
10 1994	142.	70.	25.	150.	30.	417.	131.	66.	21.	138.	28.	383.
11 1995	148.	73.	25.	150.	30.	425.	136.	69.	21.	138.	28.	391.
12 1996	154.	76.	25.	150.	30.	435.	142.	72.	21.	138.	28.	400.
13 1997	161.	79.	25.	150.	30.	445.	148.	75.	21.	138.	28.	409.
14 1998	168.	83.	25.	150.	30.	455.	154.	78.	21.	138.	28.	418.
15 1999	174.	86.	25.	150.	30.	465.	160.	81.	21.	138.	28.	427.
16 2000	181.	89.	25.	150.	30.	474.	166.	84.	21.	138.	28.	436.
6. Khun Han (12)												
1 1985	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2 1986	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3 1987	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 1988	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5 1989	45.	8.	22.	150.	30.	255.	42.	8.	18.	138.	28.	233.
6 1990	95.	17.	22.	150.	30.	313.	87.	16.	18.	138.	28.	287.
7 1991	100.	18.	22.	150.	30.	320.	92.	17.	18.	138.	28.	293.
8 1992	106.	19.	22.	150.	30.	326.	97.	18.	18.	138.	28.	299.
9 1993	111.	20.	22.	150.	30.	333.	102.	19.	18.	138.	28.	305.
10 1994	117.	21.	22.	150.	30.	340.	108.	20.	18.	138.	28.	311.
11 1995	122.	22.	22.	150.	30.	346.	113.	21.	18.	138.	28.	317.
12 1996	130.	23.	22.	150.	30.	355.	119.	22.	18.	138.	28.	325.
13 1997	137.	25.	22.	150.	30.	364.	126.	23.	18.	138.	28.	333.
14 1998	145.	26.	22.	150.	30.	372.	133.	24.	18.	138.	28.	341.
15 1999	152.	27.	22.	150.	30.	381.	140.	26.	18.	138.	28.	349.
16 2000	159.	29.	22.	150.	30.	390.	147.	27.	18.	138.	28.	357.

NOTE : FOLLOWING CONVERSION FACTORS ARE APPLIED TO CONVERT ECONOMIC VALUE
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- *2 ... 0.94 OF CONSUMPTION GOODS CONVERSION FACTOR
- *3 ... 0.94 OF INTERMEDIATE GOODS CONVERSION FACTOR
- *4 ... 0.84 OF CAPITAL GOODS CONVERSION FACTOR
- *5 ... 0.88 OF CONSTRUCTION CONVERSION FACTOR
- *6 ... 0.87 OF TRANSPORTATION CONVERSION FACTOR
- *7 ... 0.92 OF LABOR CONVERSION FACTOR

Table F-4-4 Revaluation of Project Operation and Maintenance Cost (4)

(UNIT : 000 BAHT)

	CONSTANT VALUE IN 1985						ECONOMIC VALUE					
	POWER	CHEMICAL	REPAIRING	SALARY	OTHER EXPENSES	TOTAL	POWER *1	CHEMICAL *2	REPAIRING *4	SALARY *7	OTHER EXPENSES *1	TOTAL
7. Kusuman (13)												
1 1985	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2 1986	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3 1987	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 1988	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5 1989	90.	4.	29.	150.	30.	303.	83.	4.	25.	138.	28.	277.
6 1990	185.	8.	29.	150.	30.	403.	170.	8.	25.	138.	28.	368.
7 1991	192.	9.	29.	150.	30.	410.	176.	8.	25.	138.	28.	375.
8 1992	198.	9.	29.	150.	30.	416.	182.	8.	25.	138.	28.	381.
9 1993	205.	9.	29.	150.	30.	423.	188.	9.	25.	138.	28.	387.
10 1994	211.	10.	29.	150.	30.	430.	194.	9.	25.	138.	28.	393.
11 1995	218.	10.	29.	150.	30.	437.	200.	9.	25.	138.	28.	400.
12 1996	225.	10.	29.	150.	30.	445.	207.	10.	25.	138.	28.	407.
13 1997	233.	11.	29.	150.	30.	453.	215.	10.	25.	138.	28.	415.
14 1998	241.	11.	29.	150.	30.	462.	222.	10.	25.	138.	28.	423.
15 1999	249.	11.	29.	150.	30.	470.	229.	11.	25.	138.	28.	430.
16 2000	257.	12.	29.	150.	30.	478.	237.	11.	25.	138.	28.	438.
8. Phon Charoen (17)												
1 1985	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2 1986	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3 1987	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4 1988	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5 1989	240.	44.	59.	175.	35.	553.	220.	42.	49.	161.	32.	505.
6 1990	492.	91.	59.	175.	35.	852.	452.	86.	49.	161.	32.	781.
7 1991	506.	94.	59.	175.	35.	869.	466.	88.	49.	161.	32.	797.
8 1992	521.	97.	59.	175.	35.	886.	479.	91.	49.	161.	32.	813.
9 1993	535.	99.	59.	175.	35.	904.	493.	93.	49.	161.	32.	829.
10 1994	550.	102.	59.	175.	35.	921.	506.	96.	49.	161.	32.	844.
11 1995	565.	105.	59.	175.	35.	938.	519.	98.	49.	161.	32.	860.
12 1996	581.	108.	59.	175.	35.	958.	535.	101.	49.	161.	32.	879.
13 1997	598.	111.	59.	175.	35.	978.	550.	104.	49.	161.	32.	897.
14 1998	615.	114.	59.	175.	35.	998.	566.	107.	49.	161.	32.	915.
15 1999	631.	117.	59.	175.	35.	1017.	581.	110.	49.	161.	32.	934.
16 2000	648.	120.	59.	175.	35.	1037.	596.	113.	49.	161.	32.	952.

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- *4 ... 0.84 OF CAPITAL GOODS CONVERSION FACTOR
- *5 ... 0.88 OF CONSTRUCTION CONVERSION FACTOR
- *6 ... 0.87 OF TRANSPORTATION CONVERSION FACTOR
- *7 ... 0.92 OF LABOR CONVERSION FACTOR

Table F-4-4 Revaluation of Project Operation and Maintenance Cost (5)

(UNIT : 000 BAHT)

		CONSTANT VALUE IN 1985						ECONOMIC VALUE					
		POWER	CHEMICAL	REPAIRING	SALARY	OTHER EXPENSES	TOTAL	POWER *1	CHEMICAL *2	REPAIRING *4	SALARY *7	OTHER EXPENSES *1	TOTAL
9. Nong Song Hong (18)													
1	1985	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	1986	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	1987	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	1988	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	1989	83.	20.	52.	150.	30.	335.	76.	19.	44.	138.	28.	304.
6	1990	170.	41.	52.	150.	30.	443.	157.	38.	44.	138.	28.	404.
7	1991	175.	42.	52.	150.	30.	449.	161.	39.	44.	138.	28.	410.
8	1992	180.	43.	52.	150.	30.	455.	166.	41.	44.	138.	28.	416.
9	1993	185.	44.	52.	150.	30.	462.	170.	42.	44.	138.	28.	421.
10	1994	190.	46.	52.	150.	30.	468.	175.	43.	44.	138.	28.	427.
11	1995	195.	47.	52.	150.	30.	474.	180.	44.	44.	138.	28.	433.
12	1996	201.	48.	52.	150.	30.	481.	185.	45.	44.	138.	28.	440.
13	1997	207.	50.	52.	150.	30.	488.	190.	47.	44.	138.	28.	446.
14	1998	213.	51.	52.	150.	30.	496.	196.	48.	44.	138.	28.	453.
15	1999	219.	52.	52.	150.	30.	503.	201.	49.	44.	138.	28.	459.
16	2000	224.	54.	52.	150.	30.	510.	206.	50.	44.	138.	28.	466.
10. Huai Kha Yung (20)													
1	1985	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	1986	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	1987	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	1988	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	1989	82.	22.	31.	150.	30.	315.	75.	21.	26.	138.	28.	288.
6	1990	169.	46.	31.	150.	30.	426.	156.	43.	26.	138.	28.	391.
7	1991	177.	48.	31.	150.	30.	435.	162.	45.	26.	138.	28.	399.
8	1992	184.	50.	31.	150.	30.	444.	169.	47.	26.	138.	28.	407.
9	1993	191.	52.	31.	150.	30.	454.	176.	49.	26.	138.	28.	416.
10	1994	198.	54.	31.	150.	30.	463.	182.	50.	26.	138.	28.	424.
11	1995	205.	56.	31.	150.	30.	472.	189.	52.	26.	138.	28.	433.
12	1996	214.	58.	31.	150.	30.	483.	197.	54.	26.	138.	28.	443.
13	1997	223.	60.	31.	150.	30.	494.	205.	57.	26.	138.	28.	454.
14	1998	232.	63.	31.	150.	30.	506.	213.	59.	26.	138.	28.	464.
15	1999	241.	65.	31.	150.	30.	517.	222.	61.	26.	138.	28.	475.
16	2000	250.	68.	31.	150.	30.	529.	230.	64.	26.	138.	28.	485.

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- *3 ... 0.94 OF INTERMEDIATE GOODS CONVERSION FACTOR
- *4 ... 0.84 OF CAPITAL GOODS CONVERSION FACTOR
- *5 ... 0.88 OF CONSTRUCTION CONVERSION FACTOR
- *6 ... 0.87 OF TRANSPORTATION CONVERSION FACTOR
- *7 ... 0.92 OF LABOR CONVERSION FACTOR