

ELEVATIONS	N°	note					efficiency	Unit G1	
			FORMS	STEEL	CONCRETE	TOTAL POURING		Sectors	sector
			m2	tons	M3	DAYS		days	
-34.1									15/03/14
-29,81	1A		232	79	1159	15.0		70%	21.4 05/04/14
-29,81	1B		208	79	1159	15.0		75%	20.0 25/04/14
-26.66	2A		113	13	193	6.0		75%	8.0 03/05/14
-26.66	2B		226	26	386	6.0		75%	8.0 11/05/14
-24.3	3A		462	42	588	14.0		75%	18.7 30/05/14
-21.2	4A		462	42	588	4.0		75%	5.3 04/06/14
-20.3	5A		342	24	341	20.5	DT roof	75%	27.3 01/07/14
-20.3	5B		240	24	341	7.0		80%	8.8 10/07/14
-17.92	6A		104	34	482	8.5		85%	10.0 20/07/14
-17.92	6B		77	34	482	8.0		90%	8.9 29/07/14
-15	7A		242	18	267	18.0		90%	20.0 18/08/14
-15	7B		485	38	535	18.0		90%	20.0 07/09/14
-12	8A		727	56	802	18.0		90%	20.0 27/09/14
-8.9	9A		727	56	802	18.0		90%	20.0 17/10/14
-15	7C		70	10	175	18.0		90%	20.0 06/11/14
-5.8	10A		727	56	802	18.0		90%	20.0 26/11/14
-2.7	11A		727	56	802	18.0		90%	20.0 16/12/14
+0,4	12A		727	56	802	18.0		90%	20.0 05/01/15
+3,5	13A		727	56	802	18.0		90%	20.0 25/01/15
+3,5	13B		37	4	58	5.0		90%	5.6 30/01/15
+3,5	13C		34	4	60	5.0		90%	5.6 05/02/15
+6,5	14A	TURBINE FLOOR	600	45	700	18.0		90%	20.0 25/02/15
+6,5	14B	TURBINE FLOOR	120	12	180	10.0		90%	11.1 08/03/15
+6,5	15A	TURBINE FLOOR	150	11	75	6.0		90%	6.7 15/03/15
+6,5	15B	TURBINE FLOOR	150	11	75	6.0		90%	6.7 21/03/15
+11	16A		400	13	175	11.0		90%	12.2 03/04/15
+11	16B		400	13	175	11.0		90%	12.2 15/04/15
+13,8	17A		120	4	60	10.0		90%	11.1 26/04/15
+13,8	17B		120	4	60	10.0		90%	11.1 07/05/15
+15,05	18A		60	2	30	5.0		85%	5.9 13/05/15
+15,05	18B		60	2	30	5.0		85%	5.9 19/05/15
+15,50	19A		15	5	100	20.0		85%	23.5 11/06/15
+15,50	19B		15	5	100	12.0		85%	14.1 26/06/15
+16,80	20A		80	1	7	6.0		90%	6.7 02/07/15
+16,8	20B		80	1	7	21.0		90%	23.3 26/07/15
			10,066	936	13,400	427			

ELEVATIONS	N°	note					efficiency	Unit G1	
			FORMS	STEEL	CONCRETE	TOTAL POURING		Sectors	sector
			m2	tons	M3	DAYS		days	
-34.1									20/04/14
-29,81	1A		232	79	1159	15.0		70%	21.4 11/05/14
-29,81	1B		208	79	1159	15.0		75%	20.0 31/05/14
-26.66	2A		113	13	193	6.0		75%	8.0 08/06/14
-26.66	2B		226	26	386	6.0		75%	8.0 16/06/14
-24.3	3A		462	42	588	14.0		75%	18.7 05/07/14
-21.2	4A		462	42	588	4.0		75%	5.3 10/07/14
-20.3	5A		342	24	341	20.5	DT roof	75%	27.3 06/08/14
-20.3	5B		240	24	341	7.0		80%	8.8 15/08/14
-17.92	6A		104	34	482	8.5		85%	10.0 25/08/14
-17.92	6B		77	34	482	8.0		90%	8.9 03/09/14
-15	7A		242	18	267	18.0		90%	20.0 23/09/14
-15	7B		485	38	535	18.0		90%	20.0 13/10/14
-12	8A		727	56	802	18.0		90%	20.0 02/11/14
-8.9	9A		727	56	802	18.0		90%	20.0 22/11/14
-15	7C		70	10	175	18.0		90%	20.0 12/12/14
-5.8	10A		727	56	802	18.0		90%	20.0 01/01/15
-2.7	11A		727	56	802	18.0		90%	20.0 21/01/15
+0,4	12A		727	56	802	18.0		90%	20.0 10/02/15
+3,5	13A		727	56	802	18.0		90%	20.0 02/03/15
+3,5	13B		37	4	58	5.0		90%	5.6 07/03/15
+3,5	13C		34	4	60	5.0		90%	5.6 13/03/15
+6,5	14A	TURBINE FLOOR	600	45	700	18.0		90%	20.0 02/04/15
+6,5	14B	TURBINE FLOOR	120	12	180	10.0		90%	11.1 13/04/15
+6,5	15A	TURBINE FLOOR	150	11	75	6.0		90%	6.7 20/04/15
+6,5	15B	TURBINE FLOOR	150	11	75	6.0		90%	6.7 26/04/15
+11	16A		400	13	175	11.0		90%	12.2 09/05/15
+11	16B		400	13	175	11.0		90%	12.2 21/05/15
+13,8	17A		120	4	60	10.0		90%	11.1 01/06/15
+13,8	17B		120	4	60	10.0		90%	11.1 12/06/15
+15,05	18A		60	2	30	5.0		85%	5.9 18/06/15
+15,05	18B		60	2	30	5.0		85%	5.9 24/06/15
+15,50	19A		15	5	100	20.0		85%	23.5 17/07/15
+15,50	19B		15	5	100	12.0		85%	14.1 01/08/15
+16,80	20A		80	1	7	6.0		90%	6.7 07/08/15
+16,8	20B		80	1	7	21.0		90%	23.3 31/08/15
			10,066	936	13,400	427			

ELEVATIONS	N°	note					efficiency	Unit G1	
			FORMS	STEEL	CONCRETE	TOTAL POURING		Sectors	sector
			m2	tons	M3	DAYS		days	
-34.1									20/05/14
-29,81	1A		232	79	1159	15.0		70%	21.4 10/06/14
-29,81	1B		208	79	1159	15.0		75%	20.0 30/06/14
-26.66	2A		113	13	193	6.0		75%	8.0 08/07/14
-26.66	2B		226	26	386	6.0		75%	8.0 16/07/14
-24.3	3A		462	42	588	14.0		75%	18.7 04/08/14
-21.2	4A		462	42	588	4.0		75%	5.3 09/08/14
-20.3	5A		342	24	341	20.5	DT roof	75%	27.3 05/09/14
-20.3	5B		240	24	341	7.0		80%	8.8 14/09/14
-17.92	6A		104	34	482	8.5		85%	10.0 24/09/14
-17.92	6B		77	34	482	8.0		90%	8.9 03/10/14
-15	7A		242	18	267	18.0		90%	20.0 23/10/14
-15	7B		485	38	535	18.0		90%	20.0 12/11/14
-12	8A		727	56	802	18.0		90%	20.0 02/12/14
-8.9	9A		727	56	802	18.0		90%	20.0 22/12/14
-15	7C		70	10	175	18.0		90%	20.0 11/01/15
-5.8	10A		727	56	802	18.0		90%	20.0 31/01/15
-2.7	11A		727	56	802	18.0		90%	20.0 20/02/15
+0,4	12A		727	56	802	18.0		90%	20.0 12/03/15
+3,5	13A		727	56	802	18.0		90%	20.0 01/04/15
+3,5	13B		37	4	58	5.0		90%	5.6 06/04/15
+3,5	13C		34	4	60	5.0		90%	5.6 12/04/15
+6,5	14A	TURBINE FLOOR	600	45	700	18.0		90%	20.0 02/05/15
+6,5	14B	TURBINE FLOOR	120	12	180	10.0		90%	11.1 13/05/15
+6,5	15A	TURBINE FLOOR	150	11	75	6.0		90%	6.7 20/05/15
+6,5	15B	TURBINE FLOOR	150	11	75	6.0		90%	6.7 26/05/15
+11	16A		400	13	175	11.0		90%	12.2 08/06/15
+11	16B		400	13	175	11.0		90%	12.2 20/06/15
+13,8	17A		120	4	60	10.0		90%	11.1 01/07/15
+13,8	17B		120	4	60	10.0		90%	11.1 12/07/15
+15,05	18A		60	2	30	5.0		85%	5.9 18/07/15
+15,05	18B		60	2	30	5.0		85%	5.9 24/07/15
+15,50	19A		15	5	100	20.0		85%	23.5 16/08/15
+15,50	19B		15	5	100	12.0		85%	14.1 31/08/15
+16,80	20A		80	1	7	6.0		90%	6.7 06/09/15
+16,8	20B		80	1	7	21.0		90%	23.3 30/09/15
			10,066	936	13,400	427			

ELEVATIONS	N°	note					efficiency	Unit G1	
			FORMS	STEEL	CONCRETE	TOTAL POURING		Sectors	sector
			m2	tons	M3	DAYS		days	
-34.1									19/06/14
-29,81	1A		232	79	1159	15.0		70%	21.4 10/07/14
-29,81	1B		208	79	1159	15.0		75%	20.0 30/07/14
-26.66	2A		113	13	193	6.0		75%	8.0 07/08/14
-26.66	2B		226	26	386	6.0		75%	8.0 15/08/14
-24.3	3A		462	42	588	14.0		75%	18.7 03/09/14
-21.2	4A		462	42	588	4.0		75%	5.3 08/09/14
-20.3	5A		342	24	341	20.5	DT roof	75%	27.3 05/10/14
-20.3	5B		240	24	341	7.0		80%	8.8 14/10/14
-17.92	6A		104	34	482	8.5		85%	10.0 24/10/14
-17.92	6B		77	34	482	8.0		90%	8.9 02/11/14
-15	7A		242	18	267	18.0		90%	20.0 22/11/14
-15	7B		485	38	535	18.0		90%	20.0 12/12/14
-12	8A		727	56	802	18.0		90%	20.0 01/01/15
-8.9	9A		727	56	802	18.0		90%	20.0 21/01/15
-15	7C		70	10	175	18.0		90%	20.0 10/02/15
-5.8	10A		727	56	802	18.0		90%	20.0 02/03/15
-2.7	11A		727	56	802	18.0		90%	20.0 22/03/15
+0,4	12A		727	56	802	18.0		90%	20.0 11/04/15
+3,5	13A		727	56	802	18.0		90%	20.0 01/05/15
+3,5	13B		37	4	58	5.0		90%	5.6 06/05/15
+3,5	13C		34	4	60	5.0		90%	5.6 12/05/15
+6,5	14A	TURBINE FLOOR	600	45	700	18.0		90%	20.0 01/06/15
+6,5	14B	TURBINE FLOOR	120	12	180	10.0		90%	11.1 12/06/15
+6,5	15A	TURBINE FLOOR	150	11	75	6.0		90%	6.7 19/06/15
+6,5	15B	TURBINE FLOOR	150	11	75	6.0		90%	6.7 25/06/15
+11	16A		400	13	175	11.0		90%	12.2 08/07/15
+11	16B		400	13	175	11.0		90%	12.2 20/07/15
+13,8	17A		120	4	60	10.0		90%	11.1 31/07/15
+13,8	17B		120	4	60	10.0		90%	11.1 11/08/15
+15,05	18A		60	2	30	5.0		85%	5.9 17/08/15
+15,05	18B		60	2	30	5.0		85%	5.9 23/08/15
+15,50	19A		15	5	100	20.0		85%	23.5 15/09/15
+15,50	19B		15	5	100	12.0		85%	14.1 30/09/15
+16,80	20A		80	1	7	6.0		90%	6.7 06/10/15
+16,8	20B		80	1	7	21.0		90%	23.3 30/10/15
			10,066	936	13,400	427			

ELEVATIONS	N°					Unit G1			
		FORMS	STEEL	CONCRETE	TOTAL POURING	Sectors	efficiency	sector	turbine axis
		m2	tons	M3	DAYS			days	
-34.1									15/05/14
-31.4	1A	84	49	706	8.5	lower draft tube	70%	12.1	27/05/14
-31,4	1B	84	64	922	10.5		75%	14.0	10/06/14
-28,7	2A	83	27	383	27.0		70%	38.6	18/07/14
-28,7	2B	83	28	402	7.0		70%	10.0	28/07/14
-26,5	3A	80	22	345	7.0		70%	10.0	07/08/14
-26,5	3B	80	22	345	7.0		70%	10.0	17/08/14
-24	4A	80	33	475	7.0		70%	10.0	27/08/14
-24	4B	80	32	457	7.0		70%	10.0	06/09/14
-22,5	5A	80	27	386	7.0		70%	10.0	16/09/14
-22,5	5B	80	28	401	7.0		70%	10.0	26/09/14
-20,30	6A	100	38	546	8.0	70%	11.4	08/10/14	
-20,30	6B	100	35	496	8.0	70%	11.4	19/10/14	
-18,10	7A	311	54	541	16.0	70%	22.9	11/11/14	
-18,10	7B	311	53	532	16.0	70%	22.9	04/12/14	
-15,40	8A	350	96	958	20.0	70%	28.6	01/01/15	
-15,40	8B	350	86	860	19.0	70%	27.1	29/01/15	
-13,2	9A	350	85	851	20.0	70%	28.6	26/02/15	
-13,2	9B	350	93	932	20.0	70%	28.6	27/03/15	
-11,08	10A	320	52	518	16.0	70%	22.9	19/04/15	
-11,08	10B	320	69	687	16.0	70%	22.9	11/05/15	
-8,10	11A	233	38	377	17.5	draft tube casing	70%	25.0	05/06/15
-8,10	11B	336	71	715	18.0		70%	25.7	01/07/15
-6,0	12A	233	35	346	12.0	100%	12.0	13/07/15	
-6,0	12B	346	50	509	17.0	100%	17.0	30/07/15	
-3,905	13A	233	35	345	12.0	100%	12.0	11/08/15	
-3,905	13B	346	50	508	17.0	100%	17.0	28/08/15	
-0,90	14A	233	35	352	12.0	100%	20.0	11/08/16	
-0,90	14B	483	70	701	20.0	100%	20.0	21/08/16	
+1,20	15A	105	50	727	12.0	100%	12.0	23/08/16	
+1,20	15B	105	55	781	12.0	100%	12.0	02/09/16	
+3,30	16A	125	52	752	12.0	ring casing	100%	12.0	04/09/16
+3,30	16B	176	97	1039	17.0		100%	17.0	19/09/16
+4,65	17A	60	34	486	10.0		100%	10.0	14/09/16
+4,65	17B	90	40	572	10.5		100%	10.5	29/09/16
+5,75	18A	90	34	489	10.0		90%	11.1	25/09/16

ELEVATIONS	N°						Unit G1		
		FORMS	STEEL	CONCRETE	TOTAL POURING	Sectors	efficiency	sector	turbine axis
		m2	tons	M3	DAYS			days	
-34.1									06/06/14
-31.4	1A	84	49	706	8.5	lower draft tube	70%	12.1	18/06/14
-31,4	1B	84	64	922	10.5		75%	14.0	02/07/14
-28,7	2A	83	27	383	27.0		70%	38.6	09/08/14
-28,7	2B	83	28	402	7.0		70%	10.0	19/08/14
-26,5	3A	80	22	345	7.0		70%	10.0	29/08/14
-26,5	3B	80	22	345	7.0		70%	10.0	08/09/14
-24	4A	80	33	475	7.0		70%	10.0	18/09/14
-24	4B	80	32	457	7.0		70%	10.0	28/09/14
-22,5	5A	80	27	386	7.0		70%	10.0	08/10/14
-22,5	5B	80	28	401	7.0		70%	10.0	18/10/14
-20,30	6A	100	38	546	8.0		70%	11.4	30/10/14
-20,30	6B	100	35	496	8.0		70%	11.4	10/11/14
-18,10	7A	311	54	541	16.0		70%	22.9	03/12/14
-18,10	7B	311	53	532	16.0	70%	22.9	26/12/14	
-15,40	8A	350	96	958	20.0	70%	28.6	23/01/15	
-15,40	8B	350	86	860	19.0	70%	27.1	20/02/15	
-13,2	9A	350	85	851	20.0	70%	28.6	20/03/15	
-13,2	9B	350	93	932	20.0	70%	28.6	18/04/15	
-11,08	10A	320	52	518	16.0	70%	22.9	11/05/15	
-11,08	10B	320	69	687	16.0	70%	22.9	02/06/15	
-8,10	11A	233	38	377	17.5	draft tube casing	70%	25.0	27/06/15
-8,10	11B	336	71	715	18.0		70%	25.7	23/07/15
-6,0	12A	233	35	346	12.0		100%	12.0	04/08/15
-6,0	12B	346	50	509	17.0		100%	17.0	21/08/15
-3,905	13A	233	35	345	12.0		100%	12.0	02/09/15
-3,905	13B	346	50	508	17.0		100%	17.0	19/09/15
-0,90	14A	233	35	352	12.0	ring casing	100%	20.0	11/08/16
-0,90	14B	483	70	701	20.0		100%	20.0	21/08/16
+1,20	15A	105	50	727	12.0		100%	12.0	23/08/16
+1,20	15B	105	55	781	12.0		100%	12.0	02/09/16
+3,30	16A	125	52	752	12.0		100%	12.0	04/09/16
+3,30	16B	176	97	1039	17.0		100%	17.0	19/09/16
+4,65	17A	60	34	486	10.0		100%	10.0	14/09/16
+4,65	17B	90	40	572	10.5		100%	10.5	29/09/16

+5,75	18A	90	34	489	10.0		90%	11.1	25/09/16
+5,75	18B	140	39	560	11.5		80%	14.4	13/10/16
+5,75	18C	50	20	219	16.0		80%	20.0	15/10/16
+13,70	19	1305	45	654	10.0		90%	11.1	26/10/16
+15,50	20	450	34	492	7.0		0.9	7.8	03/11/16
		8,815	1,877	22,367	508				

ELEVATIONS	N°						Unit G1		
		FORMS	STEEL	CONCRETE	TOTAL POURING	Sectors	efficiency	sector	turbine axis
		m2	tons	M3	DAYS			days	
-34.1									03/07/14
-31.4	1A	84	49	706	8.5	lower draft tube	70%	12.1	15/07/14
-31,4	1B	84	64	922	10.5		75%	14.0	29/07/14
-28,7	2A	83	27	383	27.0		70%	38.6	05/09/14
-28,7	2B	83	28	402	7.0		70%	10.0	15/09/14
-26,5	3A	80	22	345	7.0		70%	10.0	25/09/14
-26,5	3B	80	22	345	7.0		70%	10.0	05/10/14
-24	4A	80	33	475	7.0		70%	10.0	15/10/14
-24	4B	80	32	457	7.0		70%	10.0	25/10/14
-22,5	5A	80	27	386	7.0		70%	10.0	04/11/14
-22,5	5B	80	28	401	7.0		70%	10.0	14/11/14
-20,30	6A	100	38	546	8.0		70%	11.4	26/11/14
-20,30	6B	100	35	496	8.0		70%	11.4	07/12/14
-18,10	7A	311	54	541	16.0		70%	22.9	30/12/14
-18,10	7B	311	53	532	16.0	70%	22.9	22/01/15	
-15,40	8A	350	96	958	20.0	70%	28.6	19/02/15	
-15,40	8B	350	86	860	19.0	70%	27.1	19/03/15	
-13,2	9A	350	85	851	20.0	75%	26.7	14/04/15	
-13,2	9B	350	93	932	20.0	75%	26.7	11/05/15	
-11,08	10A	320	52	518	16.0	75%	21.3	01/06/15	
-11,08	10B	320	69	687	16.0	75%	21.3	23/06/15	
-8,10	11A	233	38	377	17.5	draft tube casing	75%	23.3	16/07/15
-8,10	11B	336	71	715	18.0		75%	24.0	09/08/15
-6,0	12A	233	35	346	12.0		100%	12.0	21/08/15
-6,0	12B	346	50	509	17.0		100%	17.0	07/09/15
-3,905	13A	233	35	345	12.0		100%	12.0	19/09/15
-3,905	13B	346	50	508	17.0		100%	17.0	06/10/15
-0,90	14A	233	35	352	12.0	ring casing	100%	20.0	11/08/16
-0,90	14B	483	70	701	20.0		100%	20.0	21/08/16
+1,20	15A	105	50	727	12.0		100%	12.0	23/08/16
+1,20	15B	105	55	781	12.0		100%	12.0	02/09/16
+3,30	16A	125	52	752	12.0		100%	12.0	04/09/16
+3,30	16B	176	97	1039	17.0		100%	17.0	19/09/16
+4,65	17A	60	34	486	10.0		100%	10.0	14/09/16
+4,65	17B	90	40	572	10.5		100%	10.5	29/09/16



+5,75	18A	90	34	489	10.0		90%	11.1	25/09/16
+5,75	18B	140	39	560	11.5		80%	14.4	13/10/16
+5,75	18C	50	20	219	16.0		80%	20.0	15/10/16
+13,70	19	1305	45	654	10.0		90%	11.1	26/10/16
+15,50	20	450	34	492	7.0		0.9	7.8	03/11/16
		8,815	1,877	22,367	508				

ELEVATIONS	N°					Unit G1			
		FORMS	STEEL	CONCRETE	TOTAL POURING	Sectors	efficiency	sector	turbine axis
		m2	tons	M3	DAYS			days	
-34.1									18/07/14
-31.4	1A	84	49	706	8.5	lower draft tube	70%	12.1	30/07/14
-31,4	1B	84	64	922	10.5		70%	15.0	14/08/14
-28,7	2A	83	27	383	27.0		70%	38.6	21/09/14
-28,7	2B	83	28	402	7.0		70%	10.0	01/10/14
-26,5	3A	80	22	345	7.0		70%	10.0	11/10/14
-26,5	3B	80	22	345	7.0		70%	10.0	21/10/14
-24	4A	80	33	475	7.0		70%	10.0	31/10/14
-24	4B	80	32	457	7.0		70%	10.0	10/11/14
-22,5	5A	80	27	386	7.0		70%	10.0	20/11/14
-22,5	5B	80	28	401	7.0		70%	10.0	30/11/14
-20,30	6A	100	38	546	8.0	70%	11.4	12/12/14	
-20,30	6B	100	35	496	8.0	70%	11.4	23/12/14	
-18,10	7A	311	54	541	16.0	70%	22.9	15/01/15	
-18,10	7B	311	53	532	16.0	70%	22.9	07/02/15	
-15,40	8A	350	96	958	20.0	70%	28.6	07/03/15	
-15,40	8B	350	86	860	19.0	70%	27.1	04/04/15	
-13,2	9A	350	85	851	20.0	70%	28.6	02/05/15	
-13,2	9B	350	93	932	20.0	70%	28.6	31/05/15	
-11,08	10A	320	52	518	16.0	70%	22.9	23/06/15	
-11,08	10B	320	69	687	16.0	70%	22.9	15/07/15	
-8,10	11A	233	38	377	17.5	draft tube casing	70%	25.0	09/08/15
-8,10	11B	336	71	715	18.0		70%	25.7	04/09/15
-6,0	12A	233	35	346	12.0		80%	15.0	19/09/15
-6,0	12B	346	50	509	17.0		80%	21.3	10/10/15
-3,905	13A	233	35	345	12.0		80%	15.0	25/10/15
-3,905	13B	346	50	508	17.0		80%	21.3	16/11/15
-0,90	14A	233	35	352	12.0	ring casing	100%	20.0	11/08/16
-0,90	14B	483	70	701	20.0		100%	20.0	21/08/16
+1,20	15A	105	50	727	12.0		100%	12.0	23/08/16
+1,20	15B	105	55	781	12.0		100%	12.0	02/09/16
+3,30	16A	125	52	752	12.0		100%	12.0	04/09/16
+3,30	16B	176	97	1039	17.0		100%	17.0	19/09/16
+4,65	17A	60	34	486	10.0		100%	10.0	14/09/16
+4,65	17B	90	40	572	10.5		100%	10.5	29/09/16

+5,75	18A	90	34	489	10.0		90%	11.1	25/09/16
+5,75	18B	140	39	560	11.5		80%	14.4	13/10/16
+5,75	18C	50	20	219	16.0		80%	20.0	15/10/16
+13,70	19	1305	45	654	10.0		90%	11.1	26/10/16
+15,50	20	450	34	492	7.0		0.9	7.8	03/11/16
		8,815	1,877	22,367	508				

											Unit				G1		
STEEL	CONCRETE	TOTAL POURING	Sectors	efficiency	A+B+C			D+E+F			sector	G		H			
tons	M3	DAYS								days	progressive			progressive			
															10/04/14		
56	802	13.0	A+B	70%	1A	-7,52	802	28/04/14									
56	802	12.0		75%	1B	-7,52	802	14/05/14									
10	139	8.0		80%	2A	-9,80	139	24/05/14									
29	417	10.5		80%	3A	-6,80	417	06/06/14	16A	-7,90	761	04/05/14					
37	521	12.0		80%	4A	-3,80	521	21/06/14	16B	-7,90	761	16/05/14					
37	521	12.0		80%	5A	-0,80	521	06/07/14	17A	-5,20	664	26/05/14					
37	521	12.0		85%	6A	+2,20	521	20/07/14	17B	-5,20	664	06/06/14					
29	417	10.5		80%	7A	+5,20	417	02/08/14	18A	-3,20	387	14/06/14					
12	150	9.0		80%	8A	+8,20	150	14/08/14	18B	-3,20	387	21/06/14					
8	100	8.0	80%	9A	+10,97	100	24/08/14	19A	-1,70	173	28/06/14						
26	378	7.5	C	85%	10	+4,7	378	02/09/14	19B	-1,70	173	04/07/14					
20	326	7.5		85%	11A	+6,90	326	10/09/14	20	-3,80	198	11/07/14					
12	141	5.5		85%	11B	+6,90	141	17/09/14	21	-0,80	508	21/07/14					
23	386	8.0		85%	12A	+8,1	386	26/09/14	22	+2,20	770	02/08/14					
12	193	5.0		85%	12B	+8,1	193	02/10/14	23	+5,20	770	15/08/14					
36	595	9.0		80%	13A	+10,3	595	13/10/14	24	+8,20	770	28/08/14					
18	280	6.0		80%	13B	+10,3	280	21/10/14	25	+11,20	770	10/09/14					
38	595	10.0		80%	14A	+13,50	595	02/11/14	26	+14,20	770	22/09/14					
19	300	6.0		80%	14B	+13,50	300	10/11/14	27	+17,60	520	04/10/14					
38	595	9.5		80%	15A	+15,50	595	22/11/14	28	+21,00	343	12/10/14					
19	300	6.5	80%	15B	+15,50	300	30/11/14	29	+23,50	170	19/10/14						
53	761	9.0	D	75%				30	+26,00	60	25/10/14						
53	761	9.0		75%				20.00									
46	664	8.0		75%				31A	+17,10	570	13.0	02/01/15					
46	664	8.0		75%				31B	+17,10	178	5.0	07/01/15					
27	387	6.0		75%				32A	+19,40	570	13.0	20/01/15					
27	387	6.0		80%				32B	+19,40	178	5.0	25/01/15					
12	173	5.0		80%				33A	+21,70	570	13.0	07/02/15	42A	+19,20	140	20/01/15	
12	173	5.0		80%				33B	+21,70	178	5.0	12/02/15	42B	+21	50	25/01/15	
14	198	6.0	E+F	90%				34A	+24,70	570	13.0	25/02/15	43A	+23,5	285	07/02/15	
36	508	9.0		90%				34B	+24,70	178	5.0	02/03/15	43B	+23,5	110	12/02/15	
54	770	11.5		90%				35A	+27,45	636	14.4	16/03/15	44A	+26	567	25/02/15	
54	770	11.5		90%				35B	+27,45	311	6.7	23/03/15	44B	+26	225	02/03/15	
54	770	11.5		90%				36A	+30,2	636	14.4	06/04/15	45A	+28,750	567	06/04/15	
54	770	11.5		90%				36B	+30,2	311	6.7	13/04/15	45B	+28,750	225	13/04/15	
54	770	11.5		90%				37A	+32,95	636	14.4	28/04/15	46A	+31,5	567	28/04/15	
36	520	10.0		90%				37B	+32,95	311	6.7	04/05/15	46B	+31,5	225	04/05/15	
24	343	8.0		90%				38A	+35,7	636	14.4	19/05/15	47A	+34,25	567	19/05/15	
12	170	5.5		90%				38B	+35,7	11	6.7	25/05/15	47B	+34,25	225	25/05/15	
6	60	5.5		90%				39A	+38,45	636	14.4	09/06/15	48A	+37	567	09/06/15	
40	570	13.0		100%				39B	+38,45	311	6.7	15/06/15	48B	+37	225	15/06/15	
12	178	5.0		100%				40A	+41,2	636	14.4	30/06/15	49A	+39,750	567	30/06/15	

40	570	13.0		100%
12	178	5.0		100%
40	570	13.0		100%
12	178	5.0		100%
40	570	13.0		100%
12	178	5.0		100%

40B	+41,2	311	6.7	07/07/15	49B	+39,750	225	07/07/15
41A	+44,2	636	14.4	21/07/15	50A	+42,5	567	21/07/15
41B	+44,2	311	6.7	28/07/15	50B	+42,5	225	28/07/15
					51A	+45,50	567	09/08/15
					51B	+45,50	225	14/08/15

								Unit				G1							
A+B+C				D+E+F				sector	G			H							
				progressive				days	progressive			progressive							
								20.00											
								31A	+17,10	570	13.0	07/02/15							
								31B	+17,10	178	5.0	12/02/15							
								32A	+19,40	570	13.0	25/02/15							
								32B	+19,40	178	5.0	02/03/15							
								33A	+21,70	570	13.0	15/03/15			42A	+19,20	140	25/02/15	
								33B	+21,70	178	5.0	20/03/15			42B	+21	50	02/03/15	
								34A	+24,70	570	13.0	02/04/15			43A	+23,5	285	15/03/15	
								34B	+24,70	178	5.0	07/04/15			43B	+23,5	110	20/03/15	
								<b>35A</b>	<b>+27,45</b>	<b>636</b>	<b>14.4</b>	<b>21/04/15</b>			44A	+26	567	02/04/15	

35B	+27,45	311	6.7	28/04/15	<b>44B</b>	<b>+26</b>	<b>225</b>	<b>07/04/15</b>
36A	+30,2	636	14.4	12/05/15	45A	+28,750	567	12/05/15
36B	+30,2	311	6.7	19/05/15	45B	+28,750	225	19/05/15
37A	+32,95	636	14.4	03/06/15	46A	+31,5	567	03/06/15
37B	+32,95	311	6.7	09/06/15	46B	+31,5	225	09/06/15
38A	+35,7	636	14.4	24/06/15	47A	+34,25	567	24/06/15
38B	+35,7	11	6.7	30/06/15	47B	+34,25	225	30/06/15
<b>39A</b>	<b>+38,45</b>	<b>636</b>	<b>14.4</b>	<b>15/07/15</b>	48A	+37	567	15/07/15
39B	+38,45	311	6.7	21/07/15	<b>48B</b>	<b>+37</b>	<b>225</b>	<b>21/07/15</b>
40A	+41,2	636	14.4	05/08/15	49A	+39,750	567	05/08/15
40B	+41,2	311	6.7	12/08/15	49B	+39,750	225	12/08/15
41A	+44,2	636	14.4	26/08/15	50A	+42,5	567	26/08/15
41B	+44,2	311	6.7	02/09/15	50B	+42,5	225	02/09/15
					51A	+45,50	567	14/09/15
					51B	+45,50	225	19/09/15





35B	+27,45	311	6.7	11/06/15	<b>44B</b>	<b>+26</b>	<b>225</b>	<b>21/05/15</b>
36A	+30,2	636	14.4	25/06/15	45A	+28,750	567	25/06/15
36B	+30,2	311	6.7	02/07/15	45B	+28,750	225	02/07/15
37A	+32,95	636	14.4	17/07/15	46A	+31,5	567	17/07/15
37B	+32,95	311	6.7	23/07/15	46B	+31,5	225	23/07/15
38A	+35,7	636	14.4	07/08/15	47A	+34,25	567	07/08/15
38B	+35,7	11	6.7	13/08/15	47B	+34,25	225	13/08/15
<b>39A</b>	<b>+38,45</b>	<b>636</b>	<b>14.4</b>	<b>28/08/15</b>	48A	+37	567	28/08/15
39B	+38,45	311	6.7	03/09/15	<b>48B</b>	<b>+37</b>	<b>225</b>	<b>03/09/15</b>
40A	+41,2	636	14.4	18/09/15	49A	+39,750	567	18/09/15
40B	+41,2	311	6.7	25/09/15	49B	+39,750	225	25/09/15
41A	+44,2	636	14.4	09/10/15	50A	+42,5	567	09/10/15
41B	+44,2	311	6.7	16/10/15	50B	+42,5	225	16/10/15
					51A	+45,50	567	28/10/15
					51B	+45,50	225	02/11/15

			A+B+C				D+E+F				G				H
							progressive				progressive				progressive
			<b>28/07/14</b>												
1A	-7,52	802	15/08/14												
1B	-7,52	802	31/08/14												
2A	-9,80	139	10/09/14												
3A	-6,80	417	23/09/14	16A	-7,90	761	21/08/14								
4A	-3,80	521	08/10/14	16B	-7,90	761	02/09/14								
5A	-0,80	521	23/10/14	17A	-5,20	664	12/09/14								
6A	+2,20	521	06/11/14	17B	-5,20	664	23/09/14								
7A	+5,20	417	19/11/14	18A	-3,20	387	01/10/14								
8A	+8,20	150	01/12/14	18B	-3,20	387	08/10/14								
<b>9A</b>	<b>+10,97</b>	<b>100</b>	<b>11/12/14</b>	19A	-1,70	173	15/10/14								
10	+4,7	378	20/12/14	<b>19B</b>	<b>-1,70</b>	<b>173</b>	<b>21/10/14</b>								
11A	+6,90	326	28/12/14	20	-3,80	198	28/10/14								
11B	+6,90	141	04/01/15	21	-0,80	508	07/11/14								
12A	+8,1	386	13/01/15	22	+2,20	770	19/11/14								
12B	+8,1	193	19/01/15	23	+5,20	770	02/12/14								
13A	+10,3	595	30/01/15	24	+8,20	770	15/12/14								
13B	+10,3	280	07/02/15	25	+11,20	770	28/12/14								
14A	+13,50	595	19/02/15	26	+14,20	770	09/01/15								
14B	+13,50	300	27/02/15	27	+17,60	520	21/01/15								
15A	+15,50	595	11/03/15	28	+21,00	343	29/01/15								
<b>15B</b>	<b>+15,50</b>	<b>300</b>	<b>19/03/15</b>	29	+23,50	170	05/02/15								
				<b>30</b>	<b>+26,00</b>	<b>60</b>	<b>11/02/15</b>								
												20.00			
				31A	+17,10	570	21/04/15								
				31B	+17,10	178	26/04/15								
				32A	+19,40	570	09/05/15								
				32B	+19,40	178	14/05/15								
				33A	+21,70	570	27/05/15	42A	+19,20	140	09/05/15				
				33B	+21,70	178	01/06/15	42B	+21	50	14/05/15				
				34A	+24,70	570	14/06/15	43A	+23,5	285	27/05/15				
				34B	+24,70	178	19/06/15	43B	+23,5	110	01/06/15				
				<b>35A</b>	<b>+27,45</b>	<b>636</b>	<b>03/07/15</b>	44A	+26	567	14/06/15				
				35B	+27,45	311	10/07/15	<b>44B</b>	<b>+26</b>	<b>225</b>	<b>19/06/15</b>				
				36A	+30,2	636	24/07/15	45A	+28,750	567	24/07/15				

36B	+30,2	311	31/07/15	45B	+28,750	225	31/07/15
37A	+32,95	636	15/08/15	46A	+31,5	567	15/08/15
37B	+32,95	311	21/08/15	46B	+31,5	225	21/08/15
38A	+35,7	636	05/09/15	47A	+34,25	567	05/09/15
38B	+35,7	11	11/09/15	47B	+34,25	225	11/09/15
<b>39A</b>	<b>+38,45</b>	<b>636</b>	<b>26/09/15</b>	48A	+37	567	26/09/15
39B	+38,45	311	02/10/15	<b>48B</b>	<b>+37</b>	<b>225</b>	<b>02/10/15</b>
40A	+41,2	636	17/10/15	49A	+39,750	567	17/10/15
40B	+41,2	311	24/10/15	49B	+39,750	225	24/10/15
41A	+44,2	636	07/11/15	50A	+42,5	567	07/11/15
41B	+44,2	311	14/11/15	50B	+42,5	225	14/11/15
				51A	+45,50	567	26/11/15
				51B	+45,50	225	01/12/15

POWERHOUSE AND INTAKE - Unit G1					
		Draft Tube area	turbine axis	Intake area	total
concrete	m3	56,000	95,000	140,000	291,000
forms	m2	44,000	70,000	60,000	174,000
steel reinforcement	tons	4,100	6,850	9,250	20,200
		0.79	0.74	0.43	0.60
incidenze cassetatura	h/m3	6.29	5.89	3.43	15.61
incidenze concrete	h/m3	1.25	1.40	1.25	3.90
incidenza posa armatura	h/m3	0.90	1.20	1.00	3.10
incidenza totale	h/m3	8.44	8.49	5.68	22.61
totale ore manodopera	h	472,400	807,000	795,000	2,074,400

**incidenze storiche cassetatura 8 hr/m2**

Generals		R2	R3	dd	M
M1	Contract award	3-Jun-13	31-Jul-13	58	1.9
M2	Completion of the works	28-Nov-17	30-Jun-18	214	7.1
Spillway and Transition dams					
I1	Spillway ready for start of works	2-Sep-13	11-Nov-13	70	2.3
	Spillway and Related Works required for Diversion, including	4-Aug-14	15-Feb-15	195	6.5
	Northern Two Monoliths of Centre Transition Dam including the Platform for Spillway	4-Aug-14	15-Feb-15	195	6.5
	Electrical Building Complete;				
M4	Completion of Separation Wall	6-Jun-14	15-Feb-15	254	8.5
	Completion of North Transition Dam, Spillway Discharge Channel Phase 1	15-May-14	15-Feb-15	276	9.2
	Downstream Temporary and Permanent Spillway Bridges Installed.	13-Sep-14	15-Feb-15	155	5.2
	Ready for start of hydro-mechanical works by Company Other Contractor(CH0032).	30-Sep-14	15-Feb-15	138	4.6
Second Phase					
I2	Bay No. 1 Available for Start of Rollway Construction.	22-Oct-15	4-Oct-16	348	11.6
M12	Bay No. 1 Rollway Construction Complete and Ready for start of hydromechanical works by Company Other Contractor (CH0032).	26-Feb-16	13-Mar-17	381	12.7
I3	Bay No. 2 & 4 Available for Start of Rollway Construction.	25-Apr-17	6-Nov-17	195	6.5
M13	Bay No. 2 & 4 Rollway Construction Complete and Ready for start of hydromechanical works by Company Other Contractor (CH0032).	14-Aug-17	17-Mar-18	215	7.2
I4	Bay No. 3 & 5 Available for Start of Rollway Construction.	22-Jun-16	31-May-17	343	11.4
M14	Bay No. 3 & 5 Rollway Construction Complete and Ready for start of hydromechanical works by Company Other Contractor (CH0032).	3-Oct-16	19-Sep-17	351	11.7
M16A	Completion of Phase 2 of Spillway Discharge Channel Lining.	16-Oct-17	29-Sep-18	348	11.6
Powerhouse					
I7	Powerhouse Site Ready for Start of Works.	25-Oct-13	4-Nov-13	10	0.3
	South Service Bay Enclosed and High Bay Lighting Installed and Ready for Start of Work by Company Other Contractors. This includes:	30-May-15	30-Apr-15	-30	-1.0
M18	South Service Bay Mezzanines, Ready for Start of Work by Company other Contractors.	5-May-15	30-Apr-15	-5	-0.2
	South Service Bay Structural Steel Ready for Setting Powerhouse Crane on Rails.	28-Jan-15	30-Apr-15	92	3.1
	Service Bay Draft Tube Gallery, Ready for Installation of Gantry Crane by Company Other Contractor (CH0032).	18-Oct-14	30-Apr-15	194	6.5
Unit 1					
M22	Unit 1 – Ready for Installation of Draft Tube Cone by Company Other Contractor (CH0030)	6-Jun-15	28-Mar-16	296	9.9

	18	Unit 1 - Installation of Draft Tube Cone, Completed by Company Other Contractor (CH0030).	20-Jun-15	23-Apr-16	308	10.3
M23		Unit 1 - Ready for Installation of Stay Ring & Upper Pit Liner by Company Other Contractor (CH003	7-Sep-15	22-May-16	258	8.6
	19	Unit 1 - Installation of Stay Ring & Upper Pit Liner, Completed by Company Other Contractor (CH0030).	3-Oct-15	22-Jul-16	293	9.8
M24		Unit 1 – Generator Floor Completed, including Pit Free for Unit 1.	3-May-16	16-Dec-16	227	7.6
		Unit 1 – Building Enclosed and High Bay Lighting Installed and Ready for Start of Work by Company Other Contractors, including:	16-Jul-15	30-Sep-15	76	2.5
M26		Unit 1 – Draft Tube, Structure Complete for start of hydro-mechanical works by Company Other Contractor (CH0032)	29-Apr-15	30-Sep-15	154	5.1
		Unit 1 – Mezzanines, Ready for start of Work by Company Other Contractor (CH0031).	23-May-15	30-Sep-15	130	4.3
M28		Unit 1 – Intake Structure Complete and Ready for start of hydro-mechanical works by Company Other Contractor (CH0032).	16-Sep-15	31-Mar-16	197	6.6
<b>Unit 2</b>						
M30		Unit 2 – Ready for Installation of Draft Tube Cone by Company Other Contractor (CH0030)	3-Aug-15	4-May-16	275	9.2
	I10	Unit 2 - Installation of Draft Tube Cone, Completed by Company Other Contractor (CH0030).	17-Aug-15	30-May-16	287	9.6
M31		Unit 2 - Ready for Installation of Stay Ring & Upper Pit Liner by Company Other Contractor (CH003	16-Nov-15	27-Jun-16	224	7.5
	I11	Unit 2 - Installation of Stay Ring & Upper Pit Liner, Completed by Company Other Contractor (CH0030).	12-Dec-15	31-Aug-16	263	8.8
M32		Unit 2 – Generator Floor Completed, including Pit Free for Unit 2.	12-Jul-16	11-Feb-17	214	7.1
		Unit 2 – Building Enclosed and High Bay Lighting Installed and Ready for Start of Work by Company Other Contractors, including:	7-Sep-15	11-Nov-15	65	2.2
M34		Unit 2 – Draft Tube, Structure Complete for start of hydro-mechanical works by Company Other Contractor (CH0032)	3-Jun-15	11-Nov-15	161	5.4
		Unit 2 – Mezzanines, Ready for start of Work by Company Other Contractor (CH0031).	28-Jul-15	11-Nov-15	106	3.5
M36		Unit 2 – Intake Structure Complete and Ready for start of hydro-mechanical works by Company Other Contractor (CH0032).	16-Sep-15	29-Jun-16	287	9.6

Unit 3						
M38		Unit 3 – Ready for Installation of Draft Tube Cone by Company Other Contractor (CH0030)	31-Aug-15	10-Jun-16	284	9.5
	I12	Unit 3 - Installation of Draft Tube Cone, Completed by Company Other Contractor (CH0030).	14-Sep-15	6-Jul-16	296	9.9
M39		Unit 3 - Ready for Installation of Stay Ring & Upper Pit Liner by Company Other Contractor (CH003)	11-Jan-16	3-Aug-16	205	6.8
	I13	Unit 3 - Installation of Stay Ring & Upper Pit Liner, Completed by Company Other Contractor (CH0030).	8-Feb-16	9-Oct-16	244	8.1
M40		Unit 3 – Generator Floor Completed, including Pit Free for Unit 3.	23-Aug-16	5-Apr-17	225	7.5
		Unit 3 – Building Enclosed and High Bay Lighting Installed and Ready for Start of Work by Company Other Contractors, including:	15-Oct-15	20-Jan-16	97	3.2
M42		Unit 3 – Draft Tube, Structure Complete for start of hydro-mechanical works by Company Other Contractor (CH0032)	5-Aug-15	20-Jan-16	168	5.6
		Unit 3 – Mezzanines, Ready for start of Work by Company Other Contractor (CH0031).	8-Sep-15	20-Jan-16	134	4.5
M44		Unit 3 – Intake Structure Complete and Ready for start of hydro-mechanical works by Company Other Contractor (CH0032).	2-Dec-15	27-Sep-16	300	10.0
Unit4						
M46		Unit 4 – Ready for Installation of Draft Tube Cone by Company Other Contractor (CH0030)	26-Sep-15	19-Jul-16	297	9.9
	I14	Unit 4 - Installation of Draft Tube Cone, Completed by Company Other Contractor (CH0030).	10-Oct-15	14-Aug-16	309	10.3
M47		Unit 4 - Ready for Installation of Stay Ring & Upper Pit Liner by Company Other Contractor (CH003)	8-Feb-16	10-Sep-16	215	7.2
	I15	Unit 4 - Installation of Stay Ring & Upper Pit Liner, Completed by Company Other Contractor (CH0030).	7-Mar-16	8-Nov-16	246	8.2
M48		Unit 4 – Generator Floor Completed, including Pit Free for Unit 4.	20-Sep-16	27-May-17	249	8.3
		Unit 4 – Building Enclosed and High Bay Lighting Installed and Ready for Start of Work by Company Other Contractors, including:	15-Oct-15	2-Mar-16	139	4.6
M50		Unit 4 – Draft Tube, Structure Complete for start of hydro-mechanical works by Company Other Contractor (CH0032)	5-Aug-15	2-Mar-16	210	7.0
		Unit 4 – Mezzanines, Ready for start of Work by Company Other Contractor (CH0031).	14-Sep-15	2-Mar-16	170	5.7
M52		Unit 4 – Intake Structure Complete and Ready for start of hydro-mechanical works by Company Other Contractor (CH0032).	2-Dec-15	23-Dec-16	387	12.9
Unit4						
M55		South Transition Dam Complete.	21-Jul-16	12-Dec-15	-222	-7.4

Interface Dates for Supply of 3rd Party Material					
I16	Draft Tube Hydro-Mechanical, Primary Anchors, Delivered to Site by Company Other Contractor (CH0032).	6-Jan-14	29-Mar-14	82	2.7
I17	Turbine & Generator (All 4 Units), Primary Anchors, Delivered to Site by Company Other Contractor (CH0030).	7-Oct-13	29-Mar-14	173	5.8
I21	Intake – Hydro-Mechanical Primary Anchors, Delivered to Site by Company Other Contractor (CH0032) and Available.	14-Jul-14	15-Mar-14	-121	-4.0
I22	All Spillway Hydro-Mechanical Primary Anchors, Delivered to Site by Company Other Contractor (CH0032).	29-Oct-13	4-Dec-13	36	1.2