



REGIONE
PUGLIA



PROVINCIA DI
BRINDISI



COMUNE DI
BRINDISI

OGGETTO:

“Progetto di un impianto agrivoltaico denominato "CSPV BRINDISI", di potenza pari a 17,8 MWp e delle relative opere di connessione alla RTN, da realizzarsi nel comune di Brindisi (BR)”

ELABORATO:

Relazione di compatibilità al PTA



PROPONENTE:



AEI SOLAR PROJECT VI S.R.L.
VIA VINCENZO BELLINI, 22
00198- ROMA (RM)
P.IVA 16805281009

PROGETTAZIONE:



Ing. Carmen Martone
Iscr. n. 1872
Ordine Ingegneri Potenza
C.F. MRTCMN73D56H703E



Geol. Raffaele Nardone
Iscr. n. 243
Ordine Geologi Basilicata
C.F. NRDRFL71H04A509H

EGM PROJECT S.R.L.
VIA VERRASTRO 15/A
85100- POTENZA (PZ)
P.IVA 02094310766
REA PZ-206983

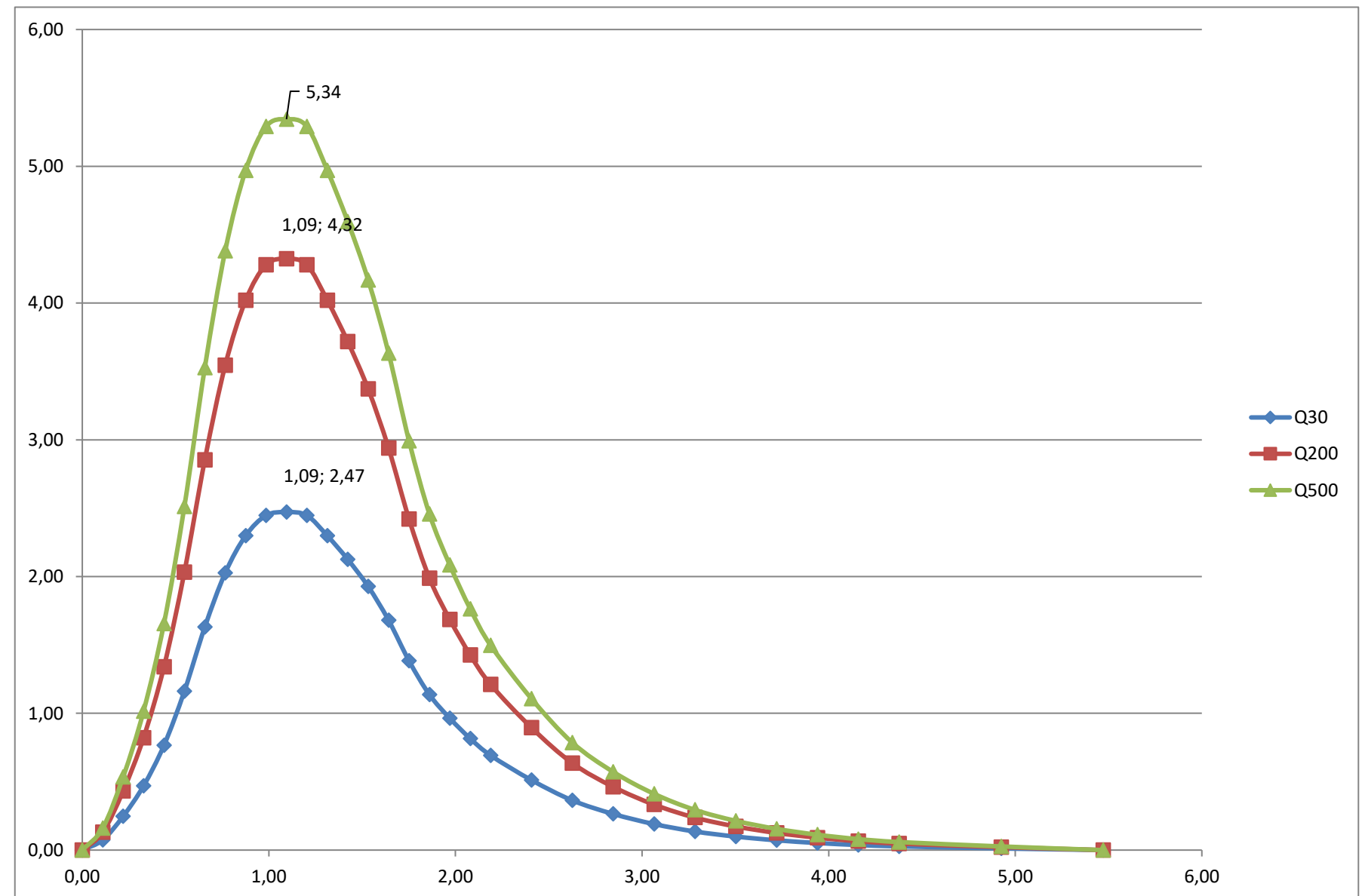
Livello prog.	Cat. opera	N°. prog.elaborato	Tipo elaborato	N° foglio	Tot. fogli	Nome file	Scala
PD	I.IF	A.04.1	R			A.04.1Rel_di_compatibilità_PTA	
REV.	DATA	DESCRIZIONE			ESEGUITO	VERIFICATO	APPROVATO
00	SETTEMBRE 2023	Emissione				Geol. Raffaele Nardone EGM Project	Ing. Carmen Martone EGM Project



BACINO 1 - PARAMETRI MORFOMETRICI																
VERSANTE														ASTA PRINCIPALE		
Superficie		quote				pendenze				SCS				f	lunghezza	pendenza media
		min	max	range	media	min	max	range	media	CN _{II}	CN _{III}	S _{II}	S _{III}			
mq	kmq	m.s.l.m.	m.s.l.m.	m.s.l.m.	m.s.l.m.	%	%	%	%						km	m/m
368999.00	0.37	55.07	62.83	7.75	59.71	0.08	3.39	3.31	0.88	73.00	86.28	93.95	40.40	0.08	0.806	0.96%

t/ta	Q/Qp	t(h)	Q ₃₀	Q ₂₀₀	Q ₅₀₀
0.1	0.03	0.00	0.00	0.00	0.00
0.2	0.1	0.11	0.07	0.13	0.16
0.3	0.19	0.22	0.24	0.42	0.52
0.4	0.31	0.33	0.46	0.80	0.99
0.5	0.47	0.44	0.75	1.31	1.62
0.6	0.66	0.55	1.13	1.99	2.46
0.7	0.82	0.66	1.59	2.79	3.45
0.8	0.93	0.77	1.98	3.47	4.29
0.9	0.99	0.88	2.24	3.93	4.86
1	1	0.98	2.39	4.19	5.18
1.1	0.99	1.09	2.41	4.23	5.23
1.2	0.93	1.20	2.39	4.19	5.18
1.3	0.86	1.31	2.24	3.93	4.86
1.4	0.78	1.42	2.07	3.64	4.50
1.5	0.68	1.53	1.88	3.30	4.08
1.6	0.56	1.64	1.64	2.87	3.56
1.7	0.46	1.75	1.35	2.37	2.93
1.8	0.39	1.86	1.11	1.94	2.41
1.9	0.33	1.97	0.94	1.65	2.04
2	0.28	2.08	0.80	1.40	1.73
2.2	0.207	2.19	0.68	1.18	1.46
2.4	0.147	2.41	0.50	0.88	1.08
2.6	0.107	2.63	0.35	0.62	0.77
2.8	0.077	2.85	0.26	0.45	0.56
3	0.055	3.06	0.19	0.33	0.40
3.2	0.04	3.28	0.13	0.23	0.29
3.4	0.029	3.50	0.10	0.17	0.21
3.6	0.021	3.72	0.07	0.12	0.15
3.8	0.015	3.94	0.05	0.09	0.11
4	0.011	4.16	0.04	0.06	0.08
4.5	0.005	4.38	0.03	0.05	0.06
5	0	4.92	0.01	0.02	0.03

	a	n	t _i [ore]	t _p =t _c [ore]	t _a [ore]	H (t _c)	V [mm]	Q _p [m ³ /s]
T30	67.40	0.180	0.60	0.99	1.09	67.34	35.24	2.47
T200	97.63	0.180				97.54	61.63	4.32
T500	113.58	0.180				113.48	76.19	5.34

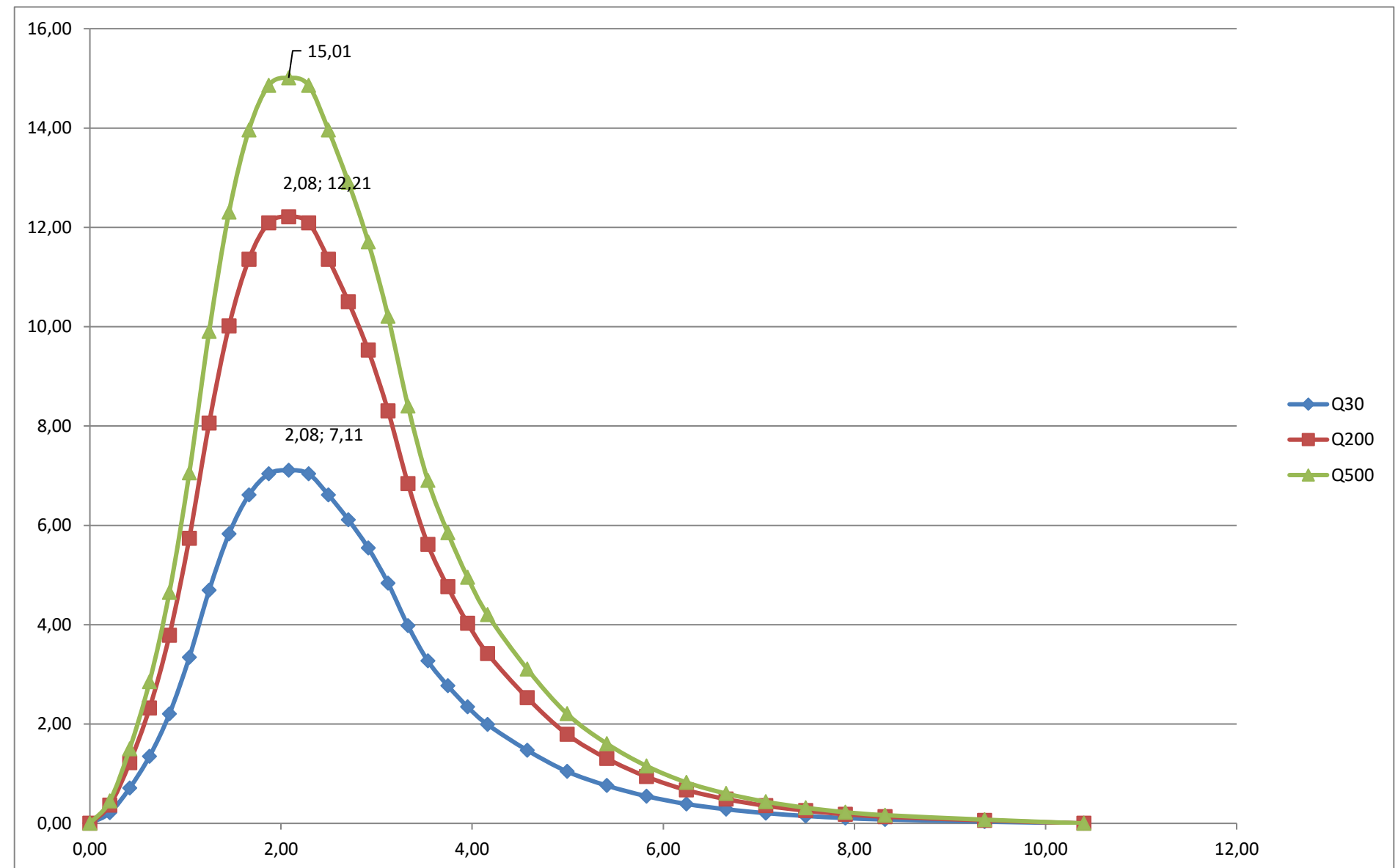




BACINO 2 - PARAMETRI MORFOMETRICI																
VERSANTE														ASTA PRINCIPALE		
Superficie		quote				pendenze				SCS				f	lunghezza	pendenza media
		min	max	range	media	min	max	range	media	CN _{II}	CN _{III}	S _{II}	S _{III}			
mq	kmq	m.s.l.m.	m.s.l.m.	m.s.l.m.	m.s.l.m.	%	%	%	%						km	m/m
1673017.00	1.67	47.94	63.16	15.22	56.22	0.01	5.75	5.74	0.97	72.79	86.15	94.93	40.82	0.07	1.900	0.80%

t/ta	Q/Qp	t(h)	Q ₃₀	Q ₂₀₀	Q ₅₀₀
0.1	0.03	0.00	0.00	0.00	0.00
0.2	0.1	0.21	0.21	0.37	0.45
0.3	0.19	0.42	0.71	1.22	1.50
0.4	0.31	0.62	1.35	2.32	2.85
0.5	0.47	0.83	2.20	3.79	4.65
0.6	0.66	1.04	3.34	5.74	7.05
0.7	0.82	1.25	4.69	8.06	9.91
0.8	0.93	1.46	5.83	10.01	12.31
0.9	0.99	1.66	6.61	11.36	13.96
1	1	1.87	7.04	12.09	14.86
1.1	0.99	2.08	7.11	12.21	15.01
1.2	0.93	2.29	7.04	12.09	14.86
1.3	0.86	2.50	6.61	11.36	13.96
1.4	0.78	2.70	6.11	10.50	12.91
1.5	0.68	2.91	5.55	9.53	11.71
1.6	0.56	3.12	4.83	8.30	10.21
1.7	0.46	3.33	3.98	6.84	8.41
1.8	0.39	3.54	3.27	5.62	6.90
1.9	0.33	3.74	2.77	4.76	5.85
2	0.28	3.95	2.35	4.03	4.95
2.2	0.207	4.16	1.99	3.42	4.20
2.4	0.147	4.58	1.47	2.53	3.11
2.6	0.107	4.99	1.05	1.80	2.21
2.8	0.077	5.41	0.76	1.31	1.61
3	0.055	5.82	0.55	0.94	1.16
3.2	0.04	6.24	0.39	0.67	0.83
3.4	0.029	6.66	0.28	0.49	0.60
3.6	0.021	7.07	0.21	0.35	0.44
3.8	0.015	7.49	0.15	0.26	0.32
4	0.011	7.91	0.11	0.18	0.23
4.5	0.005	8.32	0.08	0.13	0.17
5	0	9.36	0.04	0.06	0.08

	a	n	t _i [ore]	t _p =t _c [ore]	t _a [ore]	H (t _c)	V [mm]	Q _p [m ³ /s]
T30	67.40	0.192	1.13	1.89	2.08	76.17	42.50	7.11
T200	97.63	0.192				110.33	73.00	12.21
T500	113.58	0.192				128.36	89.73	15.01

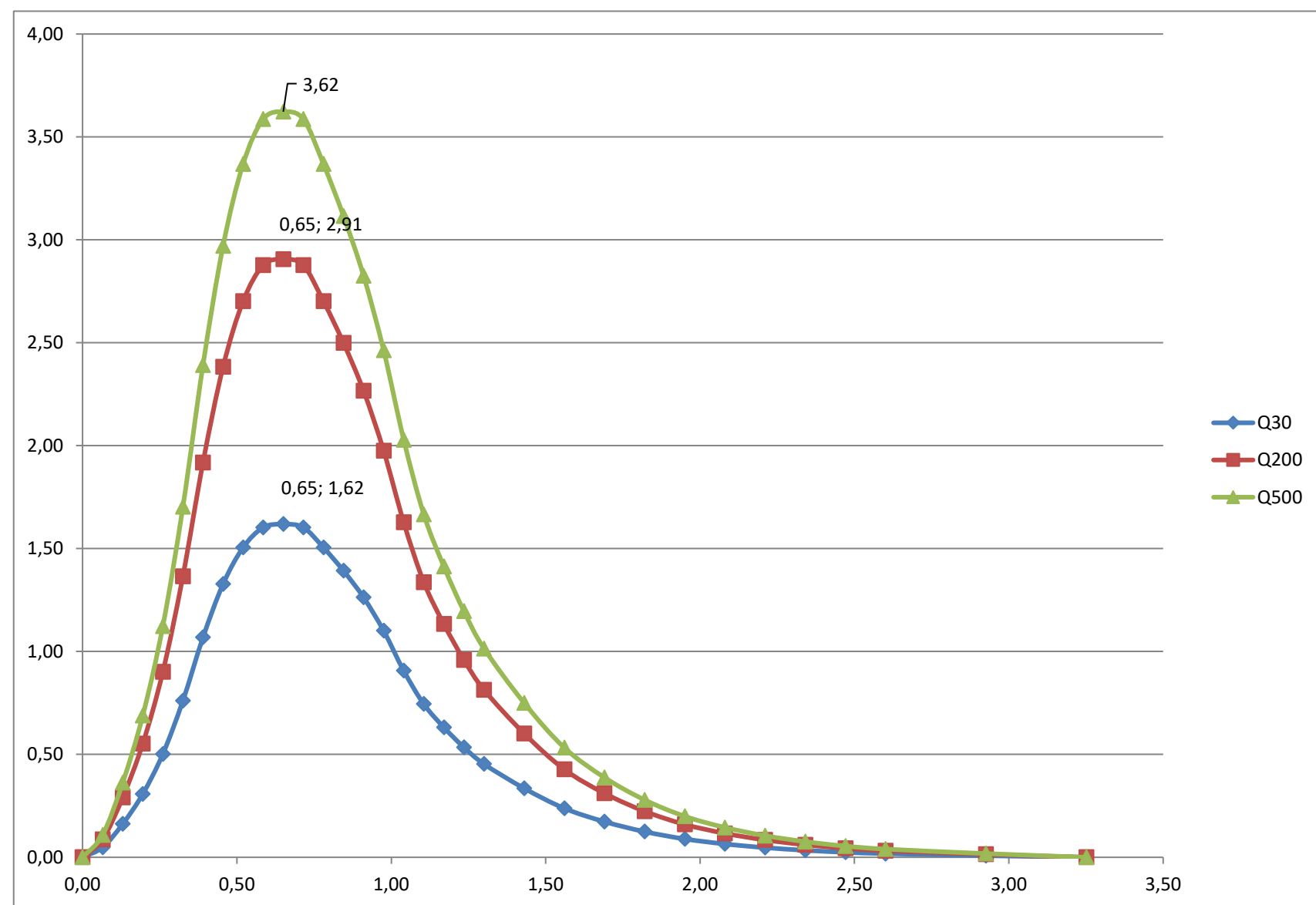




BACINO 3 - PARAMETRI MORFOMETRICI																
VERSANTE														ASTA PRINCIPALE		
Superficie		quote				pendenze				SCS				f	lunghezza	pendenza media
		min	max	range	media	min	max	range	media	CN _{II}	CN _{III}	S _{II}	S _{III}			
mq	kmq	m.s.l.m.	m.s.l.m.	m.s.l.m.	m.s.l.m.	%	%	%	%						km	m/m
173906.00	0.17	52.00	54.32	2.32	53.15	0.04	2.22	2.18	0.73	72.08	85.72	98.41	42.32	0.07	0.365	0.64%

t/ta	Q/Qp	t(h)	Q ₃₀	Q ₂₀₀	Q ₅₀₀
0.1	0.03	0.00	0.00	0.00	0.00
0.2	0.1	0.07	0.05	0.09	0.11
0.3	0.19	0.13	0.16	0.29	0.36
0.4	0.31	0.20	0.31	0.55	0.69
0.5	0.47	0.26	0.50	0.90	1.12
0.6	0.66	0.33	0.76	1.37	1.70
0.7	0.82	0.39	1.07	1.92	2.39
0.8	0.93	0.46	1.33	2.38	2.97
0.9	0.99	0.52	1.51	2.70	3.37
1	1	0.59	1.60	2.88	3.59
1.1	0.99	0.65	1.62	2.91	3.62
1.2	0.93	0.72	1.60	2.88	3.59
1.3	0.86	0.78	1.51	2.70	3.37
1.4	0.78	0.85	1.39	2.50	3.12
1.5	0.68	0.91	1.26	2.27	2.83
1.6	0.56	0.98	1.10	1.98	2.46
1.7	0.46	1.04	0.91	1.63	2.03
1.8	0.39	1.11	0.74	1.34	1.67
1.9	0.33	1.17	0.63	1.13	1.41
2	0.28	1.24	0.53	0.96	1.20
2.2	0.207	1.30	0.45	0.81	1.01
2.4	0.147	1.43	0.34	0.60	0.75
2.6	0.107	1.56	0.24	0.43	0.53
2.8	0.077	1.69	0.17	0.31	0.39
3	0.055	1.82	0.12	0.22	0.28
3.2	0.04	1.95	0.09	0.16	0.20
3.4	0.029	2.08	0.06	0.12	0.14
3.6	0.021	2.21	0.05	0.08	0.11
3.8	0.015	2.34	0.03	0.06	0.08
4	0.011	2.47	0.02	0.04	0.05
4.5	0.005	2.60	0.02	0.03	0.04
5	0	2.93	0.01	0.01	0.02

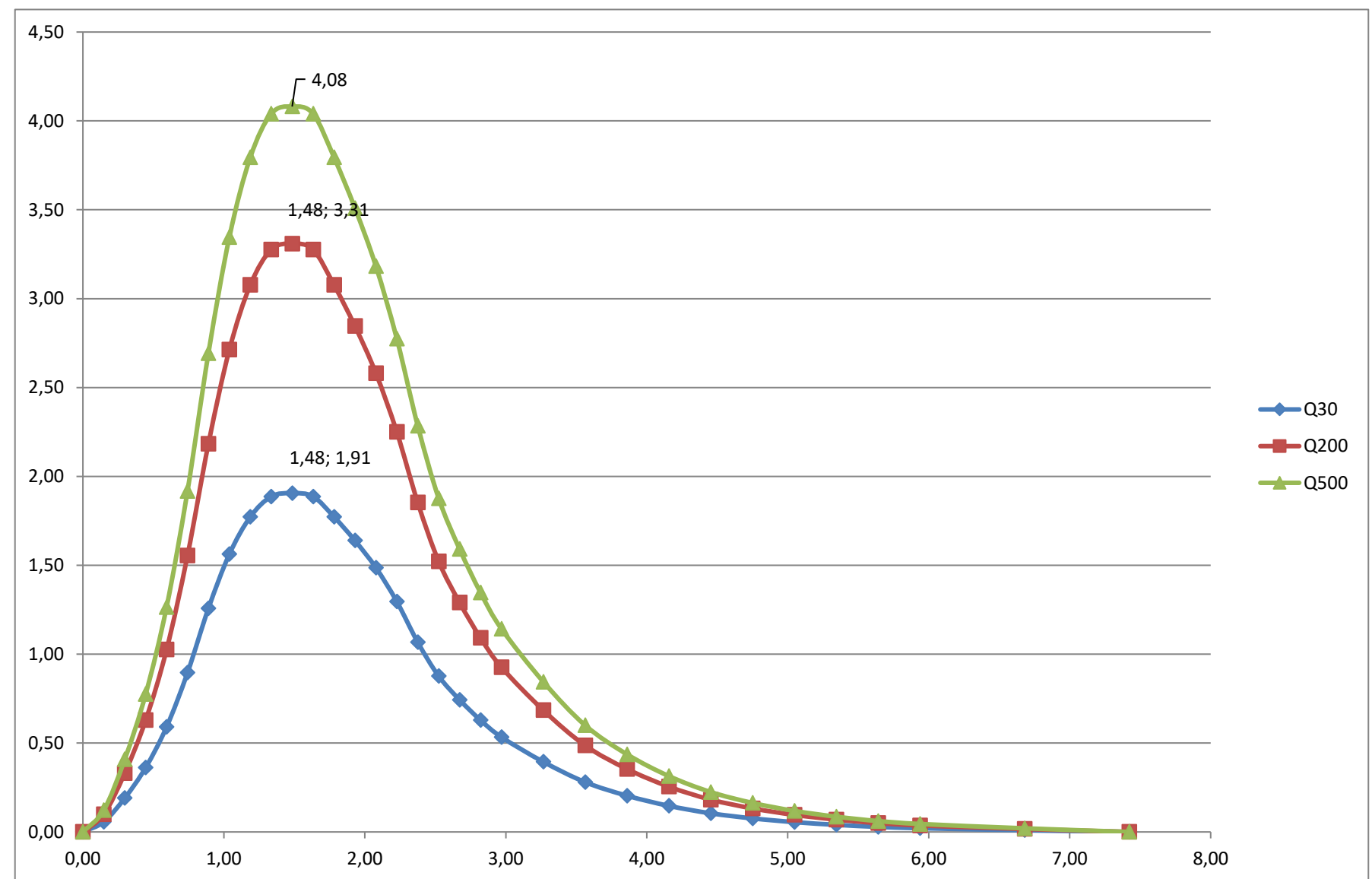
	a	n	t _i [ore]	t _p =t _c [ore]	t _a [ore]	H (t _c)	V [mm]	Q _p [m ³ /s]
T30	67.40	0.190	0.35	0.59	0.65	60.99	29.09	1.62
T200	97.63	0.190				88.35	52.22	2.91
T500	113.58	0.190				102.78	65.11	3.62



BACINO 4 - PARAMETRI MORFOMETRICI																
VERSANTE														ASTA PRINCIPALE		
Superficie		quote				pendenze				SCS				f	lunghezza	pendenza media
		min	max	range	media	min	max	range	media	CN _{II}	CN _{III}	S _{II}	S _{III}			
mq	kmq	m.s.l.m.	m.s.l.m.	m.s.l.m.	m.s.l.m.	%	%	%	%						km	m/m
355654.00	0.36	38.35	44.46	6.11	41.17	0.01	3.83	3.82	0.77	72.80	86.16	94.91	40.81	0.07	1.077	0.57%

t/ta	Q/Qp	t(h)	Q ₃₀	Q ₂₀₀	Q ₅₀₀
0.1	0.03	0.00	0.00	0.00	0.00
0.2	0.1	0.15	0.06	0.10	0.12
0.3	0.19	0.30	0.19	0.33	0.41
0.4	0.31	0.45	0.36	0.63	0.78
0.5	0.47	0.59	0.59	1.03	1.27
0.6	0.66	0.74	0.90	1.56	1.92
0.7	0.82	0.89	1.26	2.18	2.69
0.8	0.93	1.04	1.56	2.71	3.35
0.9	0.99	1.19	1.77	3.08	3.80
1	1	1.34	1.89	3.28	4.04
1.1	0.99	1.48	1.91	3.31	4.08
1.2	0.93	1.63	1.89	3.28	4.04
1.3	0.86	1.78	1.77	3.08	3.80
1.4	0.78	1.93	1.64	2.85	3.51
1.5	0.68	2.08	1.49	2.58	3.18
1.6	0.56	2.23	1.30	2.25	2.77
1.7	0.46	2.38	1.07	1.85	2.29
1.8	0.39	2.52	0.88	1.52	1.88
1.9	0.33	2.67	0.74	1.29	1.59
2	0.28	2.82	0.63	1.09	1.35
2.2	0.207	2.97	0.53	0.93	1.14
2.4	0.147	3.27	0.39	0.68	0.84
2.6	0.107	3.56	0.28	0.49	0.60
2.8	0.077	3.86	0.20	0.35	0.44
3	0.055	4.16	0.15	0.25	0.31
3.2	0.04	4.45	0.10	0.18	0.22
3.4	0.029	4.75	0.08	0.13	0.16
3.6	0.021	5.05	0.06	0.10	0.12
3.8	0.015	5.34	0.04	0.07	0.09
4	0.011	5.64	0.03	0.05	0.06
4.5	0.005	5.94	0.02	0.04	0.04
5	0	6.68	0.01	0.02	0.02

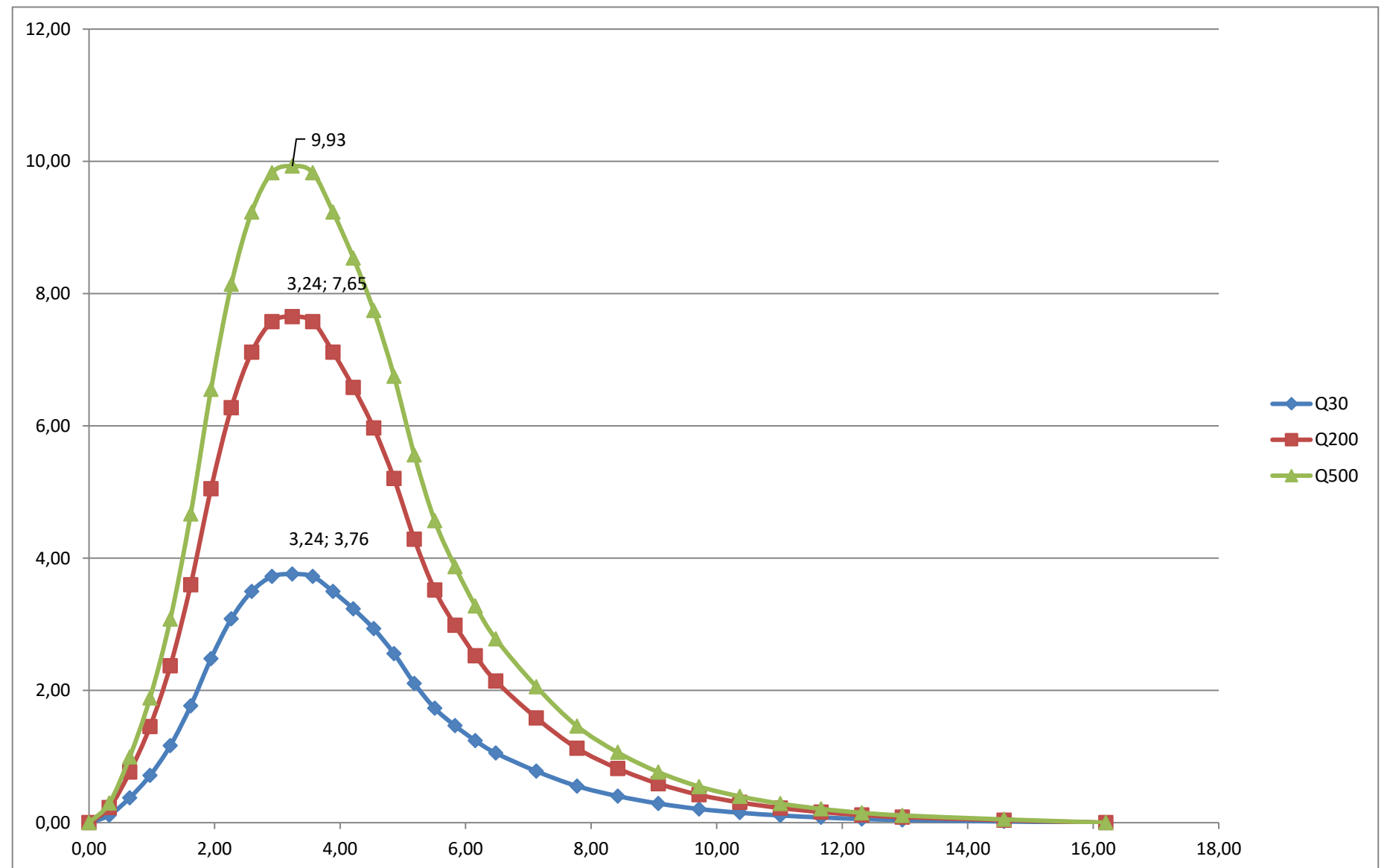
	a	n	t _i [ore]	t _p =t _c [ore]	t _a [ore]	H (t _c)	V [mm]	Q _p [m ³ /s]
T30	67.40	0.182	0.81	1.35	1.48	71.18	38.25	1.91
T200	97.63	0.182				103.10	66.40	3.31
T500	113.58	0.182				119.95	81.89	4.08



BACINO 5 - PARAMETRI MORFOMETRICI																
VERSANTE														ASTA PRINCIPALE		
Superficie		quote				pendenze				SCS				f	lunghezza	pendenza media
		min	max	range	media	min	max	range	media	CN _{II}	CN _{III}	S _{II}	S _{III}			
mq	kmq	m.s.l.m.	m.s.l.m.	m.s.l.m.	m.s.l.m.	%	%	%	%						km	m/m
2336720.00	2.34	28.49	44.47	15.98	37.55	0.01	8.66	8.65	0.99	72.80	86.16	94.91	40.81	0.07	3.355	0.48%

t/ta	Q/Q _p	t(h)	Q ₃₀	Q ₂₀₀	Q ₅₀₀
0.1	0.03	0.00	0.00	0.00	0.00
0.2	0.1	0.32	0.11	0.23	0.30
0.3	0.19	0.65	0.38	0.77	0.99
0.4	0.31	0.97	0.71	1.45	1.89
0.5	0.47	1.30	1.17	2.37	3.08
0.6	0.66	1.62	1.77	3.60	4.67
0.7	0.82	1.94	2.48	5.05	6.55
0.8	0.93	2.27	3.08	6.27	8.14
0.9	0.99	2.59	3.50	7.12	9.23
1	1	2.92	3.72	7.57	9.83
1.1	0.99	3.24	3.76	7.65	9.93
1.2	0.93	3.56	3.72	7.57	9.83
1.3	0.86	3.89	3.50	7.12	9.23
1.4	0.78	4.21	3.23	6.58	8.54
1.5	0.68	4.54	2.93	5.97	7.74
1.6	0.56	4.86	2.56	5.20	6.75
1.7	0.46	5.18	2.11	4.28	5.56
1.8	0.39	5.51	1.73	3.52	4.57
1.9	0.33	5.83	1.47	2.98	3.87
2	0.28	6.16	1.24	2.52	3.28
2.2	0.207	6.48	1.05	2.14	2.78
2.4	0.147	7.13	0.78	1.58	2.06
2.6	0.107	7.78	0.55	1.12	1.46
2.8	0.077	8.42	0.40	0.82	1.06
3	0.055	9.07	0.29	0.59	0.76
3.2	0.04	9.72	0.21	0.42	0.55
3.4	0.029	10.37	0.15	0.31	0.40
3.6	0.021	11.02	0.11	0.22	0.29
3.8	0.015	11.66	0.08	0.16	0.21
4	0.011	12.31	0.06	0.11	0.15
4.5	0.005	12.96	0.04	0.08	0.11
5	0	14.58	0.02	0.04	0.05

	a	n	t _i [ore]	t _p =t _c [ore]	t _a [ore]	H (t _c)	V [mm]	Q _p [m ³ /s]
T30	67.40	0.180	1.14	1.90	2.09	75.67	42.07	9.77
T200	97.63	0.180				109.61	72.34	16.80
T500	113.58	0.180				127.52	88.94	20.66





**PROGETTO DEFINITIVO PER LA REALIZZAZIONE DI UN PARCO AGRI-VOLTAICO A TERRA DELLA
POTENZA NOMINALE DI 17,8 MW_p NEL COMUNE DI BRINDISI (BR)**
RELAZIONE IDRAULICA ED IDROGEOLOGICA - APPENDICE A
BACINI IDROGRAFICI: DATI MORFOMETRICI ED IDROGRAMMI DI PIENA

DATA:
LUGLIO 2023
Pag. 6 di 6