

Forced Outage Indices of BC Hydro's Transmission Lines

At the requests of third parties, BC Hydro was asked to provide forced outage data for the following lines:

Note: LM - the Lower Mainland; NI - North Interior; SI - South Interior; VI - Vancouver Island

Circuits	From	To	Circuit Length (km)	Region	Sustained Outage Frequency Per Year	Momentary outage (<1 minute) Frequency Per Year	Average duration (hour)	Unavailability %	Based on forced outage data range:
60L17	BND, COK	NWR	21.86	LM	0.7085	0.3543	15.02	0.1215	from Jan. 1, 2011 to Dec. 31, 2020
60L27	KI1	SPG	7.74	LM	0.2027	0.1013	6.69	0.0155	from Jan. 1, 2011 to Dec. 31, 2020
60L30	GDK	KI1	4.99	LM	0.1014	0.0000	66.02	0.0764	from Jan. 1, 2011 to Dec. 31, 2020
60L31	ING	KI1	23.70	LM	0.5131	0.2052	21.67	0.1269	from Jan. 1, 2011 to Dec. 31, 2020
60L32	ING	KI1	17.72	LM	0.4086	0.3064	15.4	0.0718	from Jan. 1, 2011 to Dec. 31, 2020
60L56	SPG	UNY	8.46	LM	0.3061	0.1020	6.56	0.0229	from Jan. 1, 2011 to Dec. 31, 2020
60L57	SPG	UNY	8.33	LM	0.8132	0.3050	12.40	0.1151	from Jan. 1, 2011 to Dec. 31, 2020
60L59	ARN	TSW	18.42	LM	0.6471	0.1078	7.49	0.0553	from Jan. 1, 2011 to Dec. 31, 2020
60L61	NVR	WLT	3.07	LM	0.2017	0.0000	9.39	0.0216	from Jan. 1, 2011 to Dec. 31, 2020
60L62	NVR	WLT	4.43	LM	0.8728	0.3273	5.02	0.0500	from Jan. 1, 2011 to Dec. 31, 2020
60L68	CKY	SQH	11.53	LM	0.5022	1.3058	2.49	0.0143	from Jan. 1, 2011 to Dec. 31, 2020
60L70	CKY	SQH	11.76	LM	0.1005	0.4021	10.17	0.0117	from Jan. 1, 2011 to Dec. 31, 2020
60L93	ALZ	WAH	43.16	LM	1.1334	0.8243	21.06	0.2725	from Jan. 1, 2011 to Dec. 31, 2020
60L284	CBK	MYE	39.97	SI	0.6067	0.7078	3.14	0.0218	from Jan. 1, 2011 to Dec. 31, 2020
60L294	ABN	ELK	32.21	SI	1.5190	0.7089	7.67	0.1329	from Jan. 1, 2011 to Dec. 31, 2020
60L292	NTL	CNT	40.97	SI	0.4013	1.1034	5.83	0.0267	from Jan. 1, 2011 to Dec. 31, 2020
60L300-Old	SCK	WQL	160.03	NI	0.0000	0.8894	0.00	0.0000	from Jan. 1, 2011 to Apr. 11, 2013
60L300-New	SCK	WQL	107.56	NI	0.9560	9.9702	3.70	0.0403	from Apr. 11, 2013 to Dec. 31, 2020
60L310	SCK	GBR	30.31	NI	0.3892	1.8163	8.23	0.0365	from Jan. 1, 2011 to Dec. 31, 2020
60L332	WSN	PCA	17.56	NI	0.1011	0.2022	0.15	0.0002	from Jan. 1, 2011 to Dec. 31, 2020
60L337	WSN	UFR	69.67	NI	7.6194	6.7171	4.62	0.4018	from Jan. 1, 2011 to Dec. 31, 2020
60L339-S	BLW	CLB	37.37	NI	1.0390	0.4156	25.09	0.2975	from Jan. 1, 2011 to Dec. 31, 2020
60L339-N	WSN	PMB	69.57	NI	1.0072	0.3022	11.86	0.1364	from Jan. 1, 2011 to Dec. 31, 2020
60L344	TAC	FM2	70.24	NI	2.9011	3.0012	3.95	0.1309	from Jan. 1, 2011 to Dec. 31, 2020
60L359	FM2	TFP	5.12	NI	0.4000	0.0000	2.77	0.0127	from Jan. 1, 2011 to Dec. 31, 2020
60L392	RUP	RTI	12.25	NI	0.4102	0.1026	3.29	0.0154	from Jan. 1, 2011 to Dec. 31, 2020
1L31	CKY	GIB	61.89	LM	0.7229	0.0000	12.57	0.1038	from Jan. 1, 2011 to Dec. 31, 2020
1L32	SEC	GIB	20.76	LM	0.1009	0.1009	20.39	0.0235	from Jan. 1, 2011 to Dec. 31, 2020
1L35	MSA	SEC	29.79	LM	0.4058	0.2029	17.10	0.0792	from Jan. 1, 2011 to Dec. 31, 2020
1L201	MON	VNT	102.19	SI	1.0846	0.8435	90.25	1.1174	from Jan. 1, 2011 to Dec. 31, 2020
1L202	MON	VNT	102.19	SI	0.6894	1.6087	16.95	0.1334	from Jan. 1, 2011 to Dec. 31, 2020
1L203	HLD	SVA	41.84	SI	0.2019	0.2019	0.06	0.0001	from Jan. 1, 2011 to Dec. 31, 2020
1L205	HLD	SVA	41.84	SI	0.3030	0.51	8.89	0.0307	from Jan. 1, 2011 to Dec. 31, 2020
1L225	BET	VLM	68.65	SI	0.2063	0.7220	0.97	0.0023	from Jan. 1, 2011 to Dec. 31, 2020
1L243	NIC	HLD	49.57	SI	0.4059	0.2023	57.13	0.2647	from Jan. 1, 2011 to Dec. 31, 2020
1L274	NTL	POC	143.70	SI	4.1099	1.4754	13.27	0.6224	from Jan. 1, 2011 to Dec. 31, 2020
1L275	NTL	COL	30.67	SI	1.8454	0.1025	13.70	0.2887	from Jan. 1, 2011 to Dec. 31, 2020
1L358	BMT	KIS	97.63	NI	0.9281	2.0624	7.14	0.0757	from Jan. 1, 2011 to Dec. 31, 2020
1L362	BMT	DAW	12.00	NI	0.2023	0.1012	0.14	0.0003	from Jan. 1, 2011 to Dec. 31, 2020
1L364	GMS	FJN	161.45	NI	1.6709	5.8481	15.68	0.2992	from Jan. 1, 2011 to Dec. 31, 2020

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1L365	KDS	SVY	116.57	NI	0.7138	1.0197	29.50	0.2404	from Jan. 1, 2011 to Dec. 31, 2020
1L371	FJN	TXB	47.06	NI	0.6002	1.5005	11.97	0.0820	from Jan. 1, 2011 to Dec. 31, 2020
1L374	GMS	FJN	99.08	NI	0.5160	3.5088	42.49	0.2503	from Jan. 1, 2011 to Dec. 31, 2020
1L375	TAY	FBC	9.94	NI	0.0000	0.4022	0.00	0.0000	from Jan. 1, 2011 to Dec. 31, 2020
1L377	DAW	TAY	73.94	NI	0.9233	2.6673	10.19	0.1074	from Jan. 1, 2011 to Dec. 31, 2020
1L381-Old	AYH	STW	174.34	NI	2.0609	4.6371	0.63	0.0147	from Jan. 1, 2011 to Dec. 09, 2012
1L381-New	AYH	LNT	156.96	NI	0.6369	1.9106	16.67	0.1212	from Dec. 10, 2012 to Dec. 31, 2020
1L384	TPY	GLN	105.25	NI	1.0209	1.7356	6.82	0.0795	from Jan. 1, 2011 to Dec. 31, 2020
1L387	SKA	AYH	104.93	NI	0.4001	0.5001	36.88	0.1685	from Jan. 1, 2011 to Dec. 31, 2020
1L402	LNT	STW	7.50	NI	0.2482	0.0000	4.90	0.0139	from Jan. 1, 2011 to Dec. 31, 2020
2L49	MDN	HPN	26.85	LM	0.3051	0.0000	33.72	0.1174	from Jan. 1, 2011 to Dec. 31, 2020
2L54	MDN	BUT	7.75	LM	0.1011	0.1011	0.07	0.0001	from Jan. 1, 2011 to Dec. 31, 2020
2L78	ALZ	ROS	19.2	LM	0.0000	0.0000	0.00	0.0000	from Jan. 1, 2011 to Dec. 31, 2020
2L99	SKA	MIN	59.2	NI	0.4035	0.0000	0.61	0.0028	from Jan. 1, 2011 to Dec. 31, 2020
2L101	SKA	RUP	125.64	NI	1.4148	0.1011	38.40	0.6203	from Jan. 1, 2011 to Dec. 31, 2020
2L113	CBK	NTL	77.11	SI	0.6094	1.1172	20.46	0.1423	from Jan. 1, 2011 to Dec. 31, 2020
2L258	CBK	INV	128.75	SI	0.6036	0.7042	0.24	0.0017	from Jan. 1, 2011 to Dec. 31, 2020
2L259	INV	KHS	111.60	SI	0.4879	0.4879	0.94	0.0052	from Jan. 1, 2011 to Dec. 31, 2020
2L265	NIC	VWW	63.36	SI	0.4041	1.2122	14.78	0.0682	from Jan. 1, 2011 to Dec. 31, 2020
2L308	GMS	DKT	22.80	NI	0.5013	0.3008	0.14	0.0008	from Jan. 1, 2011 to Dec. 31, 2020
2L309	DKT	SNK	50.20	NI	0.1001	1.2013	0.02	0.0000	from Jan. 1, 2011 to Dec. 31, 2020
2L312	LAP	SNK	34.00	NI	0.4006	0.7010	8.76	0.0400	from Jan. 1, 2011 to Dec. 31, 2020
2L313	TLR	SNK	53.87	NI	0.6000	0.1000	0.07	0.0005	from Jan. 1, 2011 to Dec. 31, 2020
2L323	TLR	QNT	20.37	NI	0.0000	0.3071	0.00	0.0000	from Jan. 1, 2011 to Dec. 31, 2020
3L2	BRT	ROS	224.42	LM	0.9030	0.8027	0.41	0.0042	from Jan. 1, 2011 to Dec. 31, 2020
3L5	ROS	UHT	78.55	LM	0.5046	0.1009	5.86	0.0338	from Jan. 1, 2011 to Dec. 31, 2020
5L30	CKY	MSA	80.15	LM	0.5060	0.3036	8.25	0.0477	from Jan. 1, 2011 to Dec. 31, 2020
5L32	CKY	MSA	80.37	LM	0.5049	0.1010	0.06	0.0004	from Jan. 1, 2011 to Dec. 31, 2020
5L61	WSN	GLN	175.03	NI	1.0013	2.7035	2.69	0.0308	from Jan. 1, 2011 to Dec. 31, 2020
5L62	GLN	TKW	130.87	NI	0.3006	0.4007	0.41	0.0014	from Jan. 1, 2011 to Dec. 31, 2020
5L63	TKW	SKA	142.94	NI	0.3004	0.6007	1.89	0.0065	from Jan. 1, 2011 to Dec. 31, 2020
5L92	CBK	SEL	179.83	SI	1.3174	5.0669	4.77	0.0717	from Jan. 1, 2011 to Dec. 31, 2020
5L96	SEL	VAS	161.40	SI	1.0073	5.4395	2.79	0.0320	from Jan. 1, 2011 to Dec. 31, 2020

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