

Independent Power Producer (IPP) Supply List - In Operation

As of October 1, 2020, BC Hydro has 124 Electricity Purchase Agreements (EPAs) with IPPs whose projects achieved commercial operation, as defined in their EPA and are considered to be in operation. In total, these projects are capable of delivering approximately 21,363 gigawatt hours of annual supply and approximately 5,369 megawatts of capacity. For information on IPPs who have an EPA with BC Hydro but are not yet in operation, please refer to the IPP Supply List – In Development document posted to our website.

Project Name (L3)	IPP/Seller	Location (L1)	Type	Call Process (L2)	Capacity (MW)	Energy (GWh/yr)
150 Mile House ERG	EnPower Green Energy Generation Limited Partnership	150 Mile House	ERG	2006 Open Call	6	34
Sakwi Creek Run of River	Sakwi Creek Hydro Limited Partnership	Agassiz	Non-Storage Hydro	2006 Open Call	5.5	21
Tolko Armstrong	Tolko Industries Ltd.	Armstrong	Biomass	2019 Biomass Energy Program	20.4	126.8
Pine Creek	XEITL Limited Partnership	Atlin	Non-Storage Hydro	2006 Non-Integrated Areas RFP	2	4.6
Boston Bar	Boston Bar Limited Partnership	Boston Bar	Non-Storage Hydro	2017 Negotiated EPA	9	37
Seegen	Covanta Burnaby Renewable Energy, ULC	Burnaby	MSW	2014 Negotiated EPA	24.8	166
Cache Creek Landfill Gas Utilization Plant	Wastech Services Ltd.	Cache Creek	Biogas	2010 Standing Offer Program	4.8	35.6
Island Generation	V.I. Power Limited Partnership	Campbell River	Gas Fired Thermal	1994 RFP	275	2300
Brilliant Expansion 1	Brilliant Expansion Power Corporation	Castlegar	Storage Hydro	2003 Green Power Generation	120	202.7
Brilliant Expansion 2	Brilliant Expansion Power Corporation	Castlegar	Storage Hydro	2006 Open Call	< 1	226
Celgar	Mercer Celgar Limited Partnership	Castlegar	Biomass	2019 Biomass Energy Program	100	127.9
Dokie Wind	Dokie General Partnership	Chetwynd	Wind	2009 Negotiated EPA	144	375
Chetwynd Biomass	West Fraser Mills Ltd.	Chetwynd	Biomass	2010 Bioenergy Call	12	96.4
Bear Mountain Wind Park	Bear Mountain Wind Limited Partnership	Dawson Creek	Wind	2006 Open Call	102	197
Hluey Lake	MPT Hydro LP	Dease Lake	Non-Storage Hydro	1993 Non-Integrated Areas RFP	3	5
Vancouver Landfill Gas Utilization - Ph 1	VF Clean Energy, Inc.	Delta	Biogas	2001 Less Than 40 GWh	5.5	40
Vancouver Landfill Gas Utilization - Ph 2	VF Clean Energy, Inc.	Delta	Biogas	2003 Green Power Generation	1.9	15.3
Houweling Nurseries (Delta) Cogeneration	Houweling Nurseries Property Ltd.	Delta	Gas Fired Thermal	2014 Negotiated EPA	8.8	64.7
Fort St. James Green Energy	Fort St. James Green Energy Limited Partnership	Fort St. James	Biomass	2010 Bioenergy Call	40	303.5
Kwadacha Bioenergy Project	Kwadacha Green Energy Limited Partnership	Fort Ware	Biomass	2016 Non-Integrated Areas	< 1	1
Fraser Lake Biomass	West Fraser Mills Ltd.	Fraser Lake	Biomass	2010 Bioenergy Call	12	96.4
Coats IPP	Crofter's Gleann Enterprises	Gabriola Island	Non-Storage Hydro	1985 Negotiated EPA	< 1	0.7
Jamie Creek	Jamie Creek LP	Gold Bridge	Non-Storage Hydro	2010 Clean Power Call	21.3	74.3
Mears Creek	Synex Energy Resources Ltd	Gold River	Non-Storage Hydro	2001 Less Than 40 GWh	3.8	19.5
Cypress Creek	Synex Energy Resources Ltd	Gold River	Non-Storage Hydro	2008 Standing Offer Program	2.8	12.4
LP Golden Biomass	Louisiana-Pacific Canada Ltd.	Golden	Biomass	2010 Standing Offer Program	7.5	3.5
Tsilhqot'in Solar Farm	Dandzen Development Limited Partnership	Hanceville	Solar	2016 Micro-Standing Offer Progra	< 1	1.8
Big Silver - Shovel Creek	Big Silver Creek Power Limited Partnership	Harrison Hot Springs	Non-Storage Hydro	2010 Clean Power Call	40.6	158.6
Hunter Creek Run-of-River Hydroelectric Project	Hunter Creek Hydro Limited Partnership	Hope	Non-Storage Hydro	2010 Standing Offer Program	11	37
Bone Creek Hydro	Western Sustainable Power Inc.	Kamloops	Non-Storage Hydro	2006 Open Call	20	81
Kamloops Green Energy	Domtar Inc.	Kamloops	Biomass	2010 Integrated Power Offer	76	288.3
Eldorado Reservoir	District of Lake Country	Kelowna	Storage Hydro	2006 Open Call	1.1	4
SunMine	Teck Resources Limited	Kimberley	Solar	2010 Standing Offer Program	1.1	2.1
Kemano	Rio Tinto Alcan Inc.	Kitimat	Storage Hydro	2007 Negotiated EPA	896	3307
Lorenzetta Creek Hydroelectric Project	Zella Holdings Ltd.	Laidlaw	Non-Storage Hydro	2010 Standing Offer Program	3.2	10.3
Walden North	Cayoose Creek Power Limited Partnership	Lillooet	Non-Storage Hydro	1989 Less Than 5 MW	16	54
Furry Creek	Furry Creek Power Ltd	Lions Bay	Non-Storage Hydro	2001 Less Than 40 GWh	10.4	39.5
Kwoiek Creek Hydroelectric	Kwoiek Creek Resources Limited Partnership	Lytton	Non-Storage Hydro	2006 Open Call	50	223.4
Conifex Green Energy	Conifex Power Limited Partnership	Mackenzie	Biomass	2011 Negotiated EPA	36	220
Castle Creek	Castle Mountain Hydro Ltd.	McBride	Non-Storage Hydro	2010 Clean Power Call	6	34
McIntosh Creek Waterpower Project	Snowshoe Power Ltd.	McBride	Non-Storage Hydro	2010 Standing Offer Program	1.2	4.1
East Twin Creek Hydro	Valemount Hydro Limited Partnership	McBride	Non-Storage Hydro	2011 Negotiated EPA	1.6	6
Robson Valley	Robson Valley Power Corporation	McBride	Non-Storage Hydro	2020 Negotiated EPA	3.6	19.2
Merritt Green Energy	Merritt Green Energy Limited Partnership	Merritt	Biomass	2010 Bioenergy Call	40	303.5
Kwalsa Energy	Harrison Hydro Limited Partnership	Mission	Non-Storage Hydro	2006 Open Call	90	384
Upper Stave Energy	Harrison Hydro Limited Partnership	Mission	Non-Storage Hydro	2006 Open Call	60	264
Northwest Stave River	Northwest Stave River Hydro Limited Partnership	Mission	Non-Storage Hydro	2010 Clean Power Call	17.5	64.7
Tretheway Creek	Tretheway Creek Power LP	Mission	Non-Storage Hydro	2010 Clean Power Call	21.2	80.7
Cedar Road LFG	Cedar Road LFG Inc.	Nanaimo	Biogas	2008 Standing Offer Program	1.3	10.5
Harmac Biomass	Nanaimo Forest Products Ltd.	Nanaimo	Biomass	2010 Integrated Power Offer	55	209
Greater Nanaimo PCC Cogeneration	Regional District of Nanaimo	Nanaimo	Biogas	2010 Standing Offer Program	< 1	2
Nanaimo Reservoir #1 Energy Recovery	City of Nanaimo	Nanaimo	ERG	2010 Standing Offer Program	< 1	1.1
Miller Creek Power	Brown Miller Power LP	Pemberton	Non-Storage Hydro	2000 RFP	29.5	118
Rutherford Creek Hydro	Rutherford Creek Power Limited Partnership	Pemberton	Non-Storage Hydro	2001 Greater Than 40 GWh	50	172
Boulder Creek	Boulder Creek Power Limited Partnership	Pemberton	Non-Storage Hydro	2010 Clean Power Call	25.3	92.3
Upper Lillooet River	Upper Lillooet River Power Limited Partnership	Pemberton	Non-Storage Hydro	2010 Clean Power Call	81.4	333.8

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Marion 3 Creek	Marion Creek Hydro Inc.	Port Alberni	Non-Storage Hydro	2001 Less Than 40 GWh	4.6	17.5
South Sutton Creek	South Sutton Creek Hydro Inc.	Port Alberni	Non-Storage Hydro	2001 Less Than 40 GWh	4.9	26
China Creek Small Hydroelectric	Upnit Power Limited Partnership	Port Alberni	Non-Storage Hydro	2003 Green Power Generation	6.3	24.7
Doran Taylor	Doran Taylor Hydro (JV)	Port Alberni	Non-Storage Hydro	2017 Negotiated EPA	6	27
Raging River	Raging River Power & Mining Inc.	Port Alice	Storage Hydro	2006 Open Call	8	30
Cape Scott Wind	Cape Scott Wind LP	Port Hardy	Wind	2010 Clean Power Call	99.2	316.3
Kokish River	Kwagis Power Limited Partnership	Port McNeil	Non-Storage Hydro	2010 Clean Power Call	45	174.9
Box Canyon	Box Canyon Hydro Corporation	Port Mellon	Non-Storage Hydro	2010 Clean Power Call	14.7	47.4
Howe Sound Green Energy	Howe Sound Pulp and Paper Corporation	Port Mellon	Biomass	2010 Integrated Power Offer	112	400
East Toba and Montrose	Toba Montrose General Partnership	Powell River	Non-Storage Hydro	2006 Open Call	196	715
Jimmie Creek	Jimmie Creek Limited Partnership	Powell River	Non-Storage Hydro	2010 Clean Power Call	62	174.1
Powell River Generation	Catalyst Paper, general partnership	Powell River	Biomass	2010 Integrated Power Offer	48	157.5
Intercon Green Power	Canfor Pulp Ltd.	Prince George	Biomass	2010 Integrated Power Offer	31.7	73
Northwood Green Power	Canfor Pulp Ltd.	Prince George	Biomass	2010 Integrated Power Offer	94.5	159
PGP Bio Energy Project	Canfor Pulp Ltd.	Prince George	Biomass	2019 Biomass Energy Program	59.9	105.5
Brown Lake	Brown Miller Power LP	Prince Rupert	Storage Hydro	2018 Negotiated EPA	7.2	57
Cariboo Pulp and Paper	Cariboo Pulp and Paper Company	Quesnel	Biomass	2010 Integrated Power Offer	61.3	172.3
Pingston Creek	Joint Venture	Revelstoke	Non-Storage Hydro	2001 Greater Than 40 GWh	45	193
South Cranberry Creek	Advanced Energy Systems 1 Limited Partnership	Revelstoke	Non-Storage Hydro	2003 Green Power Generation	8.5	26.4
Cranberry Creek Power	Advanced Energy Systems II LP	Revelstoke	Non-Storage Hydro	2006 Open Call	3	9
South Cranberry Creek - R	Advanced Energy Systems 1 Limited Partnership	Revelstoke	Non-Storage Hydro	2010 Standing Offer Program	< 1	5.8
Akolkolex	Canadian Hydro Developers, Inc.	Revelstoke	Non-Storage Hydro	2016 Negotiated EPA	10	40.5
Fraser Richmond Soil and Fibre	Harvest Fraser Richmond Organics Ltd.	Richmond	Biogas	2010 Community-Based Biomass	1	8
Hartland Landfill Gas Utilization	Capital Regional District	Saanich	Biogas	2000 RFP	1.8	14.5
Silversmith Power & Light	Silversmith Power & Light Corporation	Sandon	Non-Storage Hydro	2016 Negotiated EPA	< 1	0.9
Moresby Lake	Atlantic Power Preferred Equity Ltd.	Sandspit	Storage Hydro	1989 Non-Integrated Areas RFP	6	20
Savona ERG	EnPower Green Energy Generation Limited Partnership	Savona	ERG	2006 Open Call	6	41
McNair Creek Hydro	McNair Creek Hydro Limited Partnership	Sechelt	Non-Storage Hydro	2001 Less Than 40 GWh	9.8	38
Lower Clowhom	Clowhom Limited Partnership	Sechelt	Non-Storage Hydro	2006 Open Call	11	48
Tyson Creek Hydro	Tyson Creek Hydro Corp.	Sechelt	Storage Hydro	2006 Open Call	9.3	53.6
Upper Clowhom	Clowhom Limited Partnership	Sechelt	Non-Storage Hydro	2006 Open Call	11	48
Lower Bear Hydro	Bear Hydro Limited Partnership	Sechelt	Non-Storage Hydro	2008 Standing Offer Program	10	46.2
Upper Bear Hydro	Bear Hydro Limited Partnership	Sechelt	Non-Storage Hydro	2008 Standing Offer Program	10	73.3
Narrows Inlet	tems sayamku Limited Partnership	Sechelt	Non-Storage Hydro	2010 Clean Power Call	33	147.7
Sechelt Creek	MPT Hydro LP	Sechelt	Non-Storage Hydro	2018 Negotiated EPA	16.6	84.6
Skookumchuck Power	Skookumchuck Pulp Inc.	Skookumchuck	Biomass	2019 Biomass Energy Program	51	182.4
Arrow Lakes Hydro	Arrow Lakes Power Corporation	Slocan	Storage Hydro	1998 Negotiated EPA	185	767
Crowsnest Pass	WCSB Power BC II LP	Sparwood	ERG	2010 Clean Power Call	10.5	64.9
Mamquam Hydro	Atlantic Power Preferred Equity Ltd.	Squamish	Non-Storage Hydro	1988 Greater Than 5 MW	58	250
Upper Mamquam Hydro	Canadian Hydro Developers, Inc.	Squamish	Non-Storage Hydro	2001 Greater Than 40 GWh	25	108
Ashlu Creek Water Power	Ashlu Creek Investments LP	Squamish	Non-Storage Hydro	2003 Green Power Generation	49.9	268.7
Culliton Creek	Culliton Creek Power Limited Partnership	Squamish	Non-Storage Hydro	2010 Clean Power Call	15	73.9
Skookum Power	Skookum Creek Power Partnership	Squamish	Non-Storage Hydro	2010 Clean Power Call	25	102
Squamish Power Project	Woodfibre LNG Limited	Squamish	Storage Hydro	2010 Standing Offer Program	1.6	11.2
Long Lake Hydro	Long Lake Joint Venture	Stewart	Storage Hydro	2010 Clean Power Call	31	152.6
Forrest Kerr Hydroelectric	Coast Mountain Hydro Limited Partnership	Stewart	Non-Storage Hydro	2010 Negotiated EPA	195	934.9
McLymont Creek	Coast Mountain Hydro Limited Partnership	Stewart	Non-Storage Hydro	2010 Negotiated EPA	66	244.4
Volcano Creek	Coast Mountain Hydro Limited Partnership	Stewart	Non-Storage Hydro	2010 Negotiated EPA	17.8	50.6
Shinish Creek Wind Farm	Zero Emissions Shinish Creek Limited Partnership	Summerland	Wind	2010 Standing Offer Program	15	54.5
Barr Creek	Barr Creek Limited Partnership	Tahsis	Non-Storage Hydro	2006 Open Call	4	16
McMahon Generating	McMahon Cogeneration Plant JV	Taylor	Gas Fired Thermal	1988 Greater Than 5 MW	120	840
Dasque - Middle	Swift Limited Partnership	Terrace	Non-Storage Hydro	2010 Clean Power Call	20	80.9
Waneta Expansion	Waneta Expansion Power Corporation	Trail	Non-Storage Hydro	2010 Negotiated EPA	335	627.4
Meikle Wind	Meikle Wind Energy Limited Partnership	Tumbler Ridge	Wind	2010 Clean Power Call	184.6	541
Quality Wind	Capital Power L.P.	Tumbler Ridge	Wind	2010 Clean Power Call	142.2	476.9
Moose Lake Wind Project	Moose Lake Wind Limited Partnership	Tumbler Ridge	Wind	2010 Standing Offer Program	15	56
Canoe Creek Hydro	Canoe Creek Hydro Company	Ucluelet	Non-Storage Hydro	2008 Standing Offer Program	5.5	16.2
Haa-ak-suuk Creek Hydro	Haa-ak-suuk Creek Hydro Limited Partnership	Ucluelet	Non-Storage Hydro	2010 Standing Offer Program	6	20.5
Winchie Creek Hydro	Winchie Creek Hydro Limited Partnership	Ucluelet	Non-Storage Hydro	2010 Standing Offer Program	4	11.1
Hystad Creek Hydro	Valemount Hydro Limited Partnership	Valemount	Non-Storage Hydro	2000 RFP	6	20
Hauer Creek	Hauer Creek Power Inc.	Valemount	Non-Storage Hydro	2001 Less Than 40 GWh	2.4	12.5

Project Name (L3)	IPP/Seller	Location (L1)	Type	Call Process (L2)	Capacity (MW)	Energy (GWh/yr)
Eagle Lake C2 Micro Hydro	The Corporation of the District of West Vancouver	West Vancouver	Non-Storage Hydro	2001 Less Than 40 GWh	< 1	1.2
Pennask Wind Farm	Zero Emissions Pennask Limited Partnership	Westbank	Wind	2010 Standing Offer Program	15	49.8
Brandywine Creek Small Hydro	Rockford Energy Corp.	Whistler	Non-Storage Hydro	2001 Less Than 40 GWh	7.6	34.1
Fitzsimmons Creek	Fitzsimmons Creek Hydro Limited Partnership	Whistler	Non-Storage Hydro	2008 Standing Offer Program	7.9	36
Soo River	Joint Venture	Whistler	Non-Storage Hydro	2016 Negotiated EPA	13.1	78.1
NWE (Williams Lake)	Atlantic Power (Williams Lake) Ltd.	Williams Lake	Biomass	2019 Biomass Energy Program	66	388.4
Zeballos Lake	Zeballos Lake Hydro Limited Partnership	Zeballos	Storage Hydro	2003 Green Power Generation	21.9	92.6