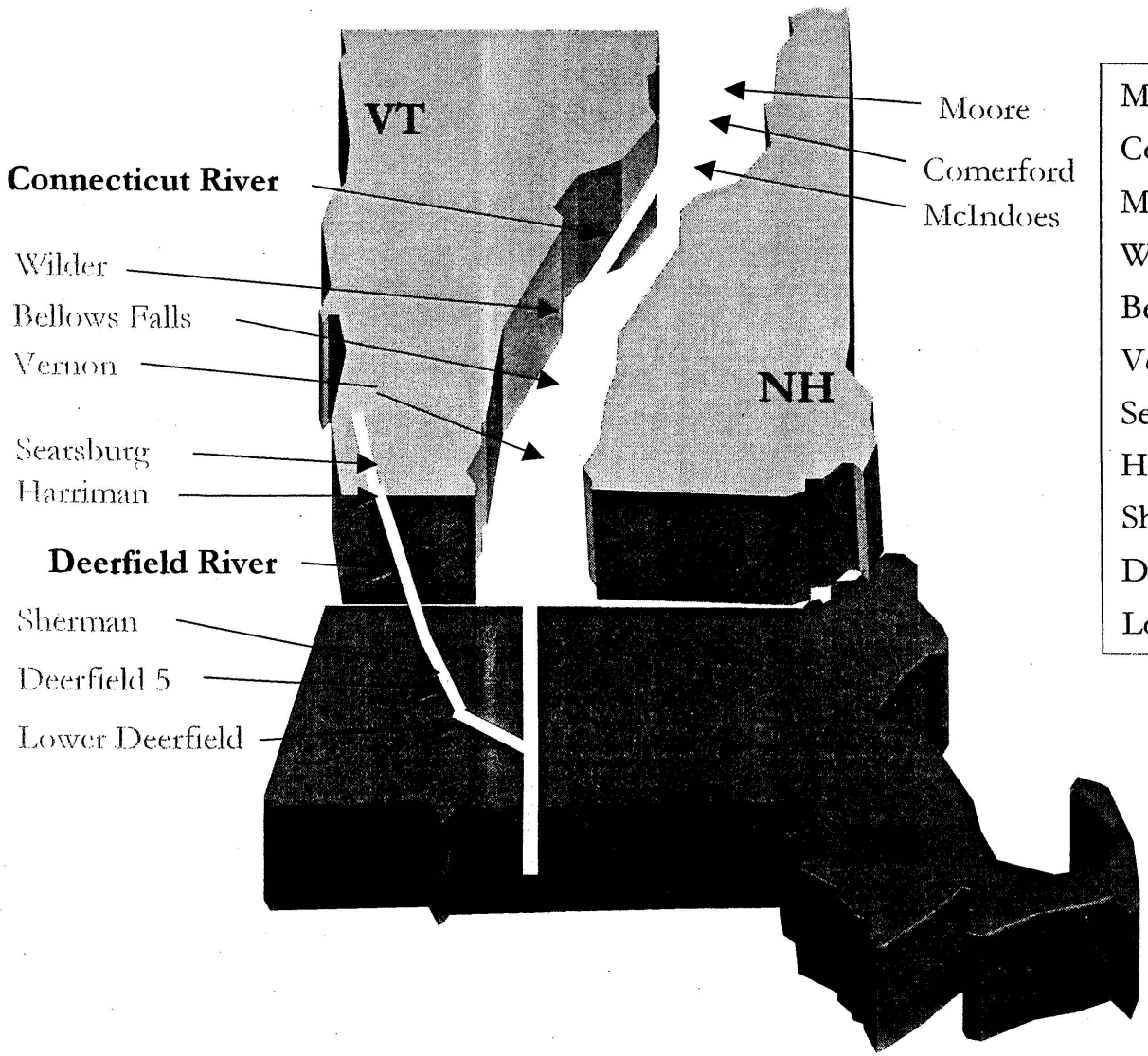
APPENDIX B

Overview of Hydro Facilities

USGenNE Hydroelectric Resources



- Moore – 191 MW
- Comerford – 162 MW
- McIndoes – 13 MW
- Wilder – 41 MW
- Bellows Falls – 49 MW
- Vernon – 24 MW
- Searsburg – 5 MW
- Harriman – 39 MW
- Sherman – 6 MW
- Deerfield #5 – 14 MW
- Lower Deerfield (#4,#3,#2) – 19 MW

563 MW of Conventional Hydro Capacity

	Deerfield River	Connecticut River
Net Capacity (MW)	83	480
# of Stations	7	6
# of Units	15	26
Availability (MW Weighted EAF – 5 Year Average)	96.33%	96.24%
Net Generation (MWh) (10 Yr. Avg.)	280,666	1,125,953
Capacity Factor (10 Yr. Avg.)	37.5%	26.3%

Hydro 2003 Station Metrics

UNIT	Net Generation - MWh	Capacity Factor	Equiv. Availability Factor	Equivalent Forced Outage Rate
Moore	259,536	15.49%	94.23%	4.90%
Comerford	307,222	21.61%	87.22%	2.72%
McIndoes	40,675	35.72%	98.98%	0.06%
Wilder	145,484	40.13%	96.85%	1.43%
Bellows Falls	220,159	51.78%	89.50%	3.95%
Vernon	123,742	57.92%	93.32%	5.08%
Searsburg	23,348	53.74%	98.64%	0.64%
Harriman	121,391	35.81%	97.68%	0.08%
Sherman	34,194	62.59%	98.97%	0.05%
Deerfield #2	37,518	65.89%	99.23%	0.01%
Deerfield #3	31,694	55.49%	97.10%	0.40%
Deerfield #4	27,130	54.14%	98.75%	0.52%
Deerfield #5	60,542	49.40%	95.19%	5.26%

USGen New England Inc.
Regional Generating Assets

Asset	Net Winter Claimed Capability - MWe				
	Coal	Oil	Natural Gas	Conventional Hydro	Total
Brayton Point Station	1,139	455	445		1,594
Salem Harbor Station	314	431			745
Manchester Street Station		495	495		495
Connecticut River				480	480
Deerfield River				83	83
Total	1,453	886	495	563	3,397

Hydro Asset Description

Equipment and Operation

- 563 MW Conventional Hydro
- 13 Stations, 41 Units
- 2 River Systems, approximately 300 linear miles
- High Availability, Fast Response Units
- Operated from Single Control Centers, one on each river
- Water management integrated with portfolio market decision making to assure compliance while maximizing revenues

People:

- Disbursed maintenance resources that can rove over full system
- Single management and technical support structure over full system
- Functions as single integrated team of craftsmen, supervision, administrative, engineering, compliance, external affairs and management personnel
- Focus on safety (employee and public), environmental compliance, cost management, market, and operational excellence

External & Regulatory

- 5 FERC Licenses, next license expiration 2018
- Operates in 3 states and 53 communities
- Positive working relationship with the FERC, State Agencies, and NGO's